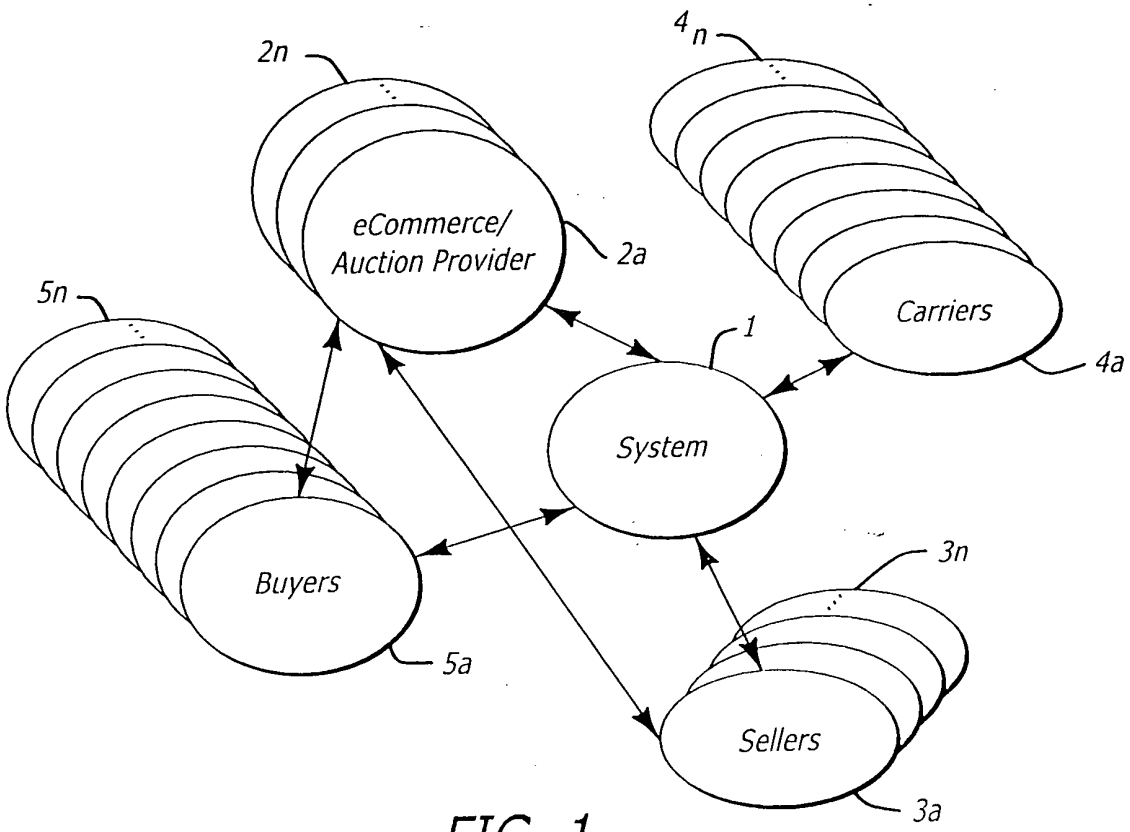

2n
eCommerce/
Auction Provider
2a
4n
Carriers
4a
1
System
5n
Buyers
5a
3n
Sellers
3a

FIG. 1

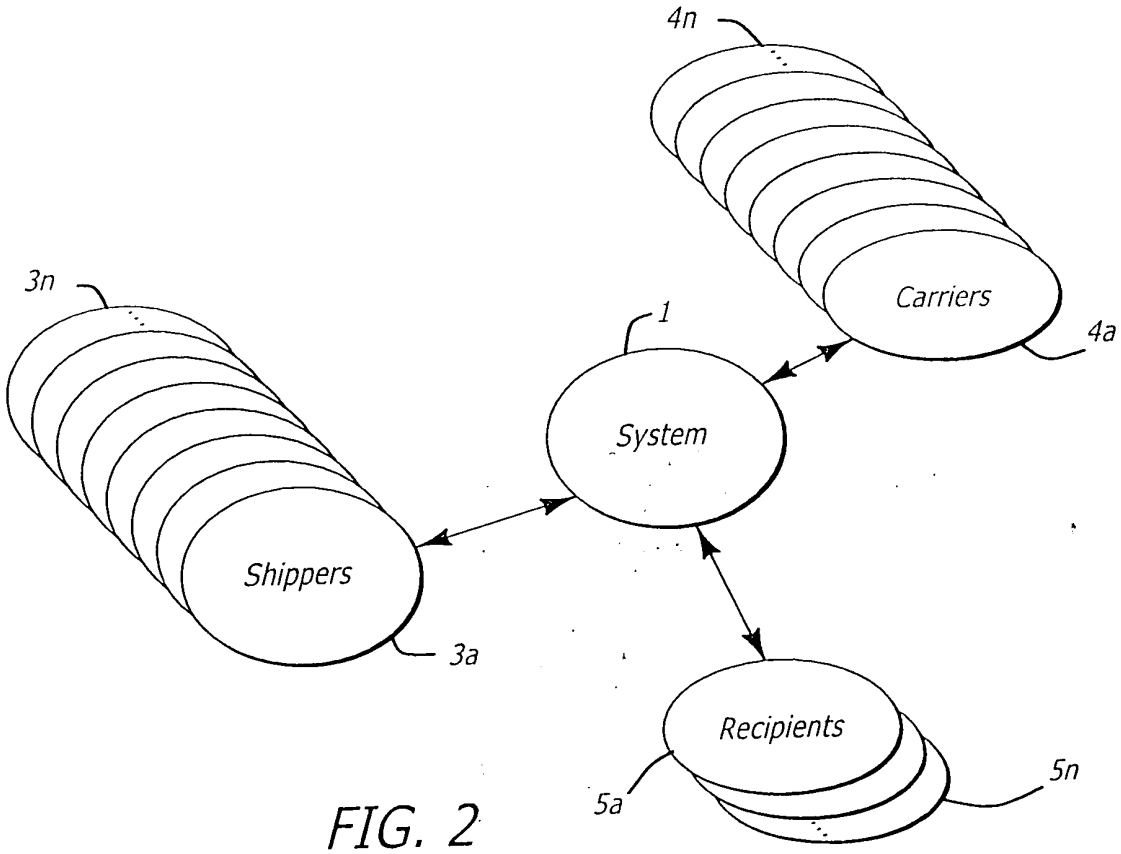
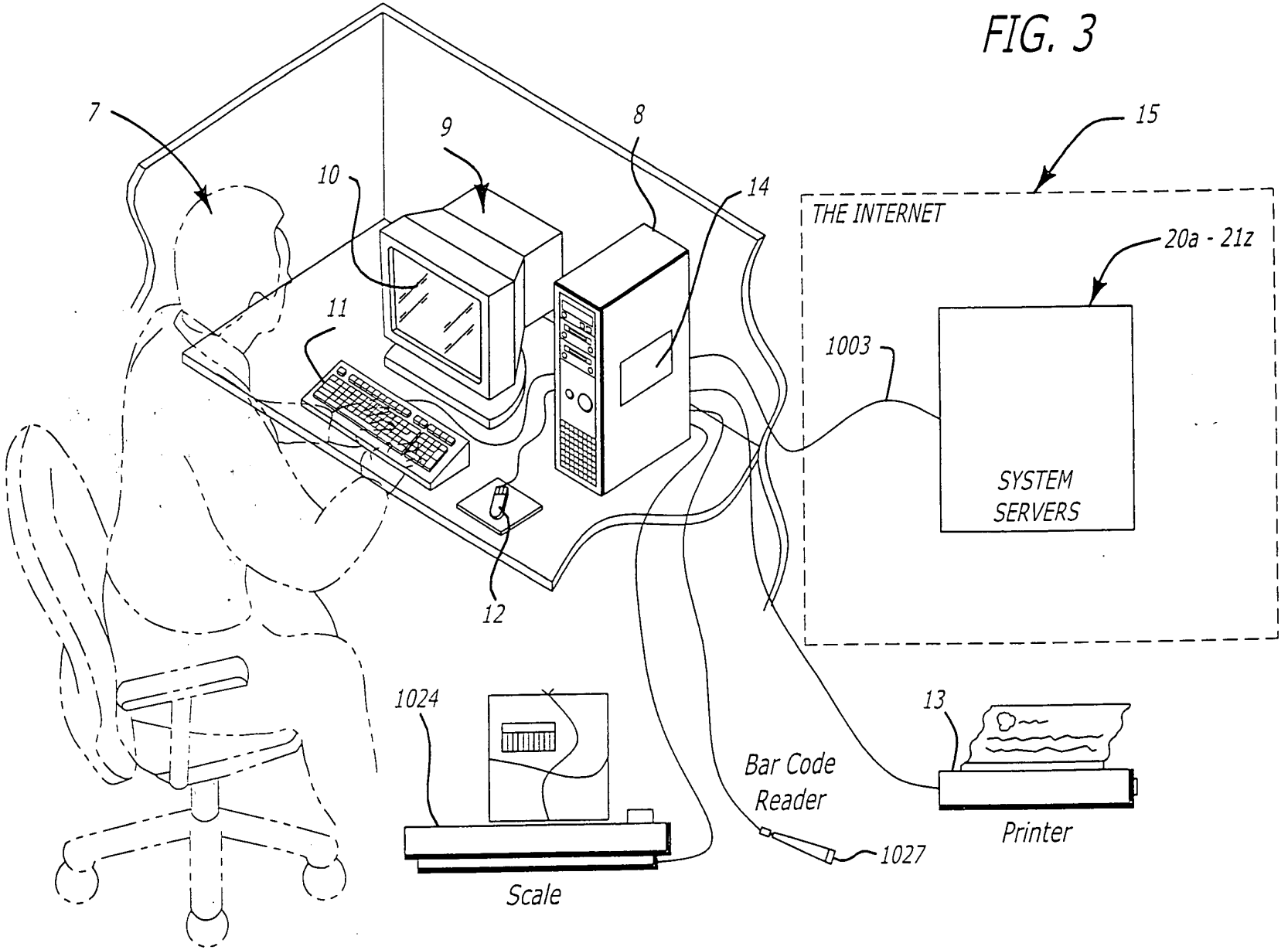

4n
Carriers
4a
1
System
3n
Shippers
3a
Recipients
5a
5n

FIG. 2

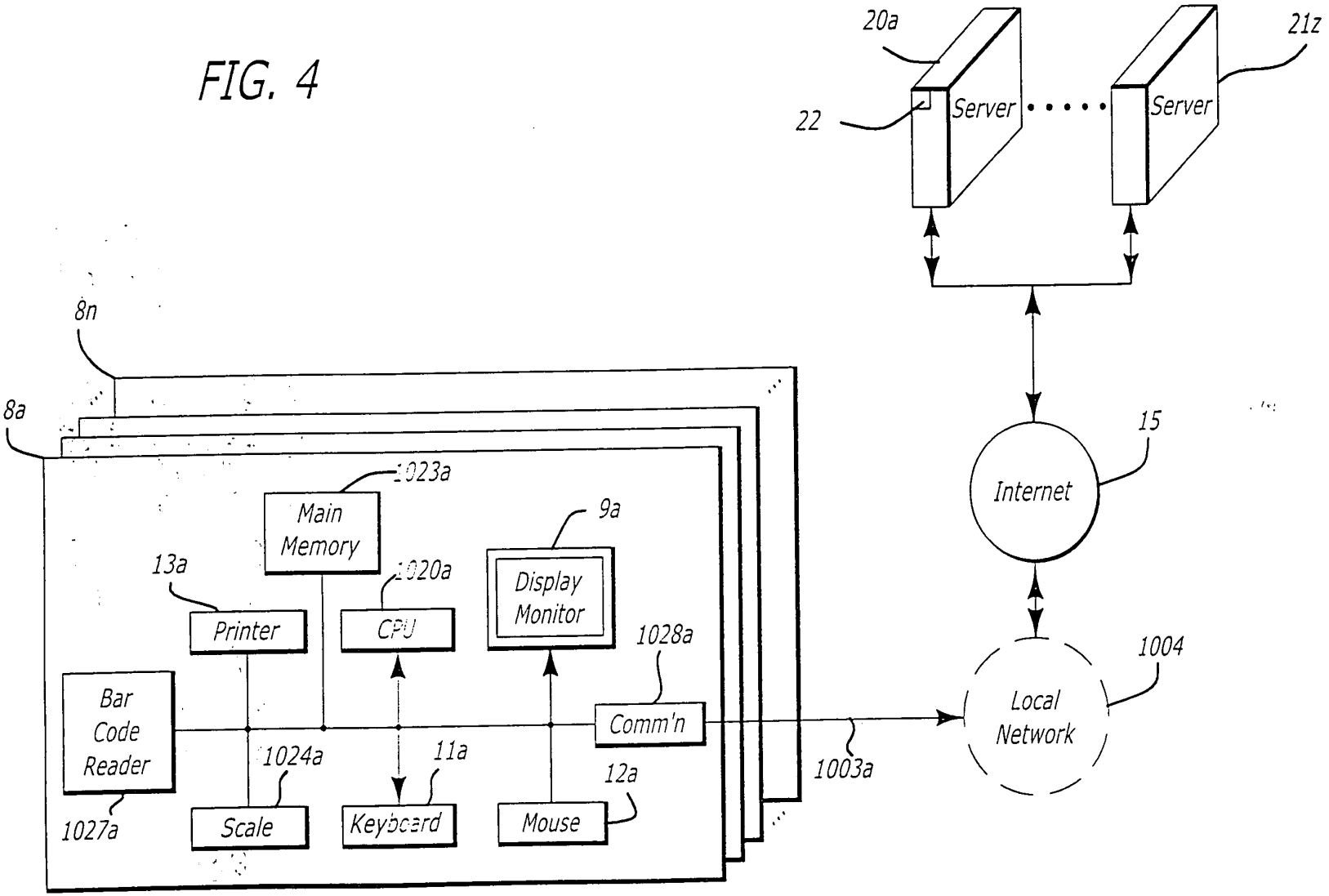
20080724163360

FIG. 3



09808T "Z81890

FIG. 4



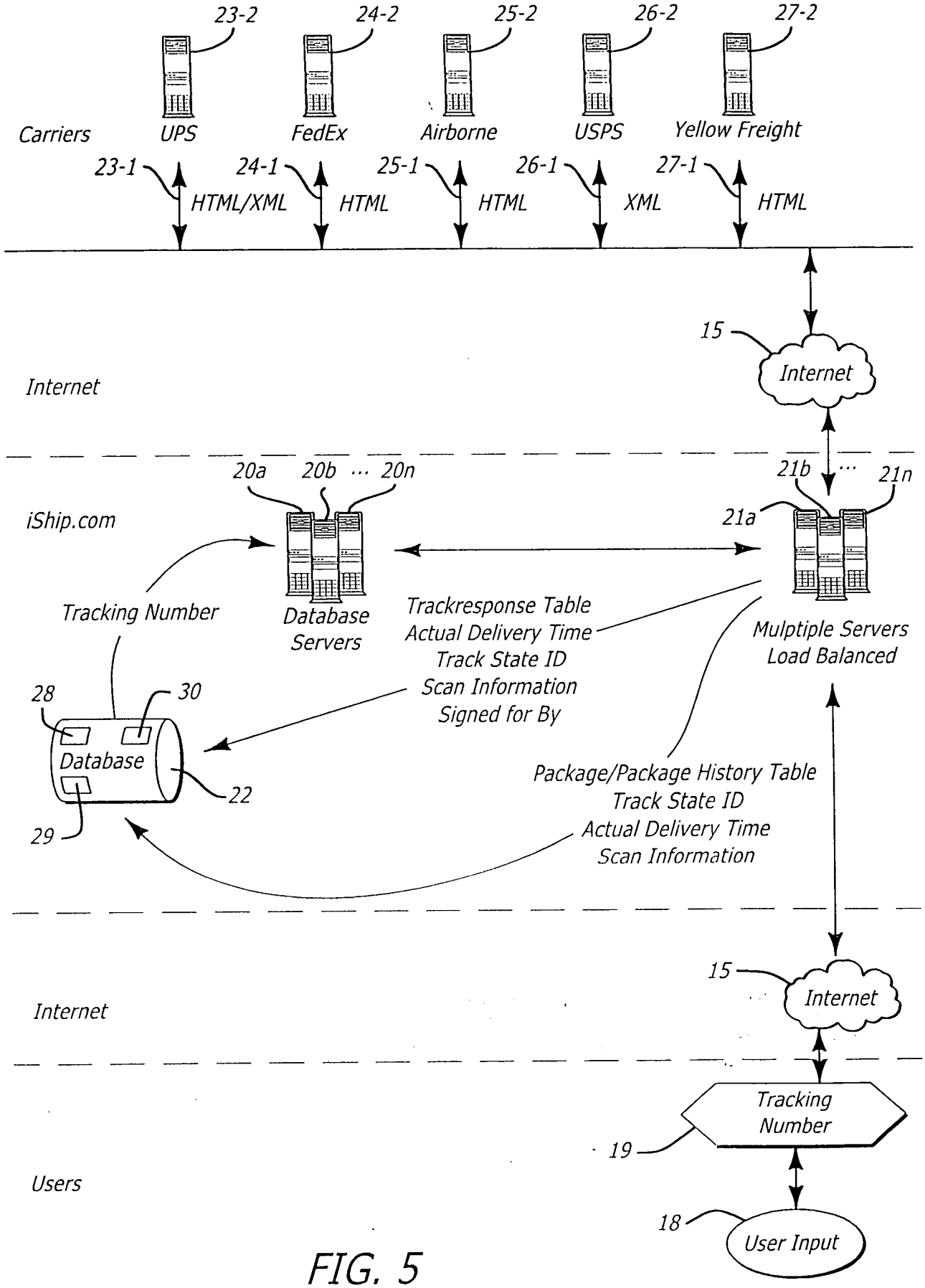

23-2
24-2
25-2
26-2
27-2
Carriers
UPS
FedEx
Airborne
USPS
Yellow Freight
23-1
24-1
25-1
26-1
27-1
HTML/XML
HTML
HTML
XML
HTML
15
Internet
Internet
20a
20b
20n
21b
21n
21a
iShip.com
Tracking Number
Database Servers
Trackresponse Table
Actual Delivery Time
Track State ID
Scan Information
Signed for By
Mulptiple Servers Load Balanced
28
30
Database
22
29
Package/Package History Table
Track State ID
Actual Delivery Time
Scan Information
15
Internet
Internet
Tracking Number
19
Users
18
User Input

FIG. 5

Docket Tables

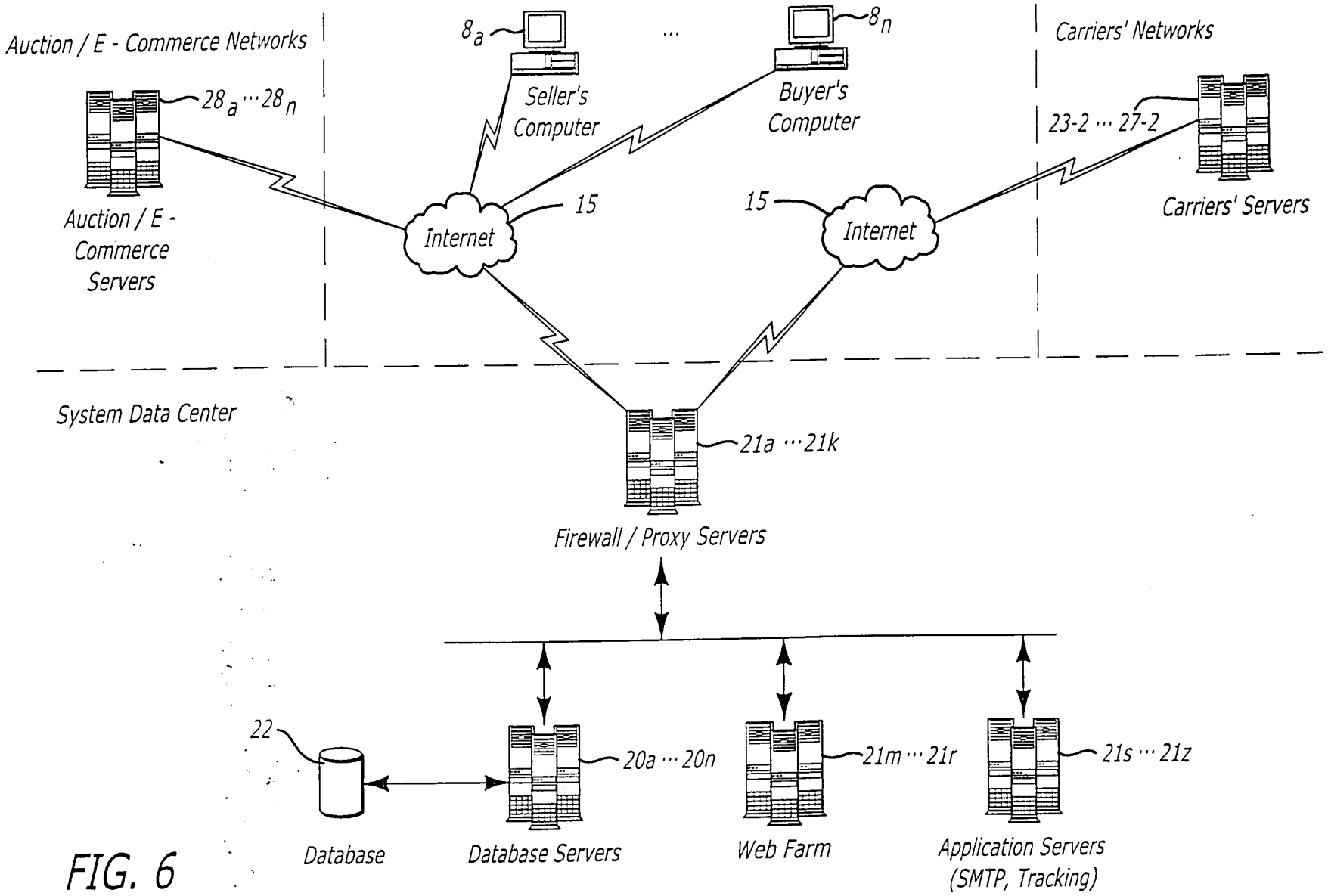


FIG. 6

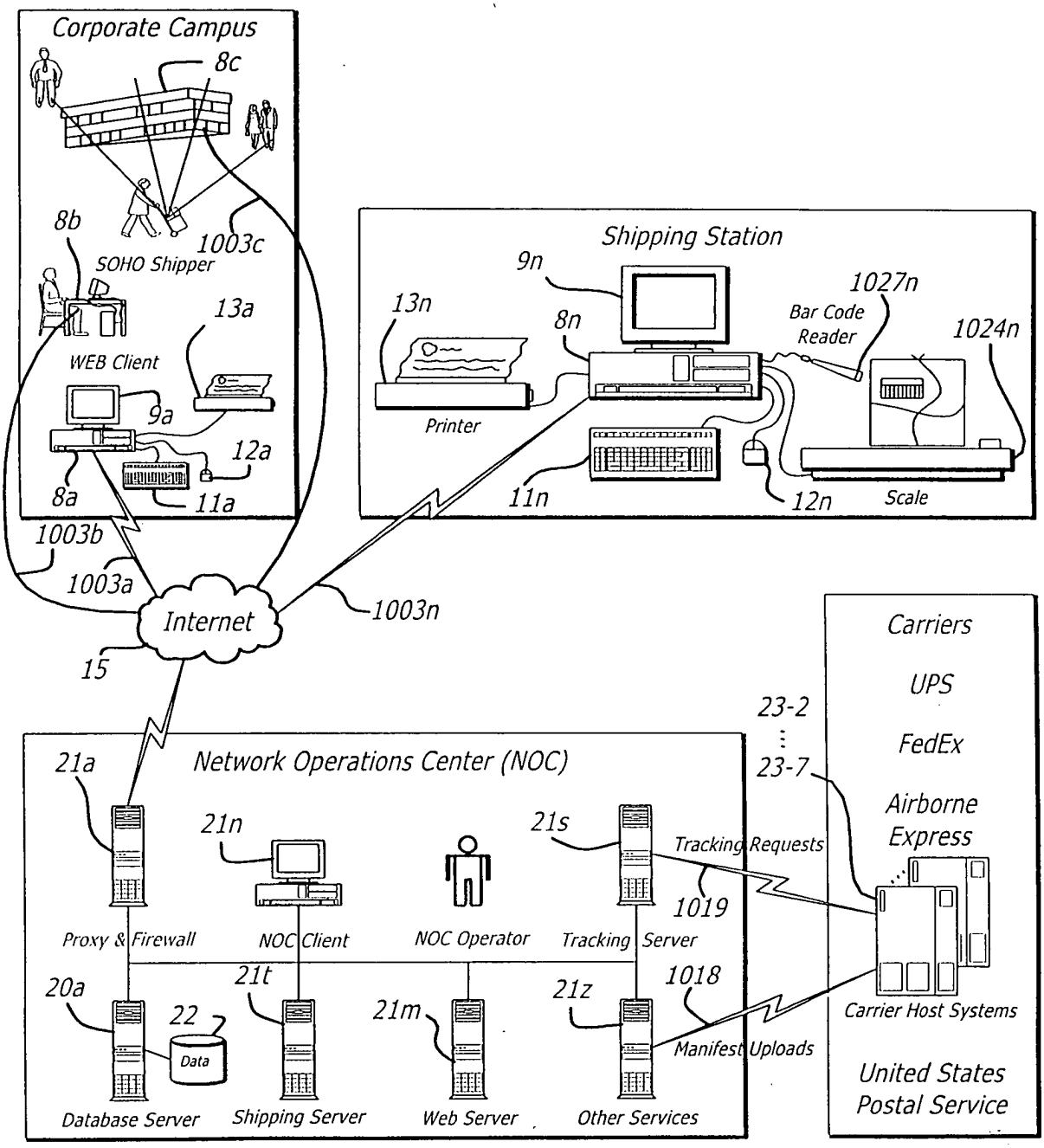

Corporate Campus
8c
8b
SOHO Shipper
1003c
13a
WEB Client
9a
12a
8a
11a
1003b
1003a
Internet
15
1003n
Shipping Station
9n
13n
8n
1027n
Bar Code Reader
1024n
Printer
11n
12n
Scale
Carriers
UPS
FedEx
Airborne Express
23-2
23-7
Tracking Requests
1019
Carrier Host Systems
1018
Manifest Uploads
United States Postal Service
Network Operations Center (NOC)
21a
21n
21s
Proxy & Firewall
NOC Client
NOC Operator
Tracking Server
20a
22
Data
21t
21m
21z
Database Server
Shipping Server
Web Server
Other Services

FIG. 7

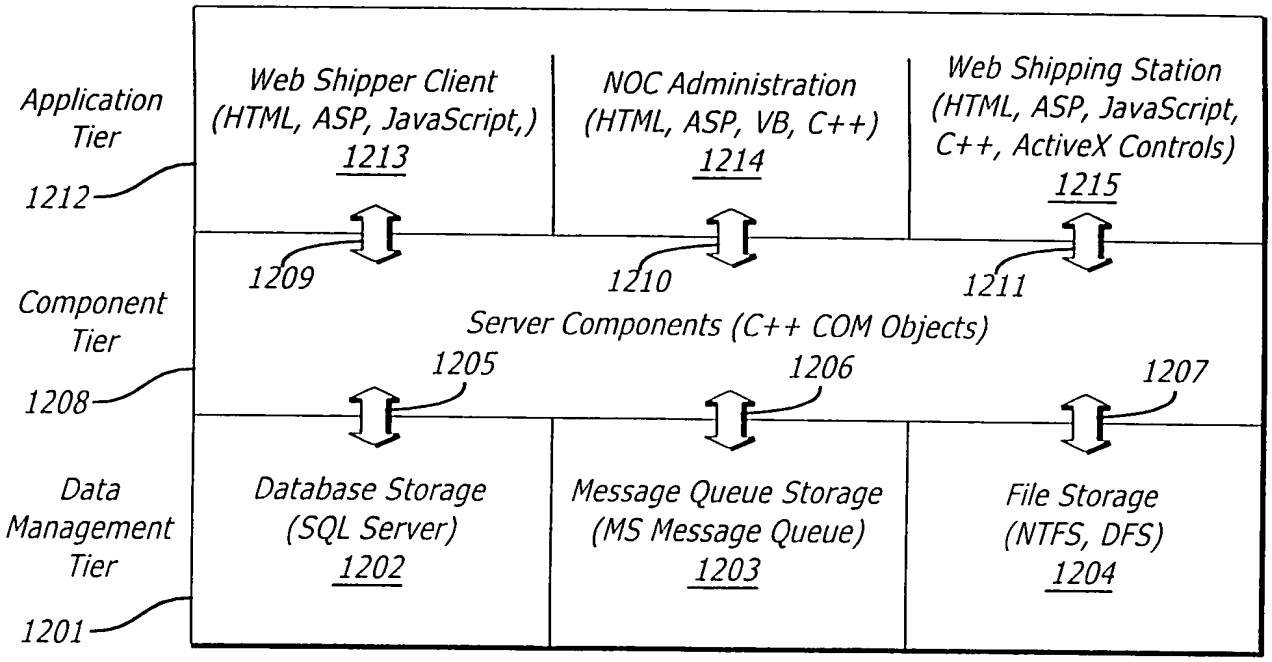

Application Tier
1212
Web Shipper Client (HTML, ASP, JavaScript,) 1213
NOC Administration (HTML, ASP, VB, C++) 1214
Web Shipping Station (HTML, ASP, JavaScript, C++, ActiveX Controls) 1215
1209
1210
1211
Component Tier
1208
Server Components (C++ COM Objects)
1205
1206
1207
Data Management Tier
1201
Database Storage (SQL Server) 1202
Message Queue Storage (MS Message Queue) 1203
File Storage (NTFS, DFS) 1204

FIG. 8

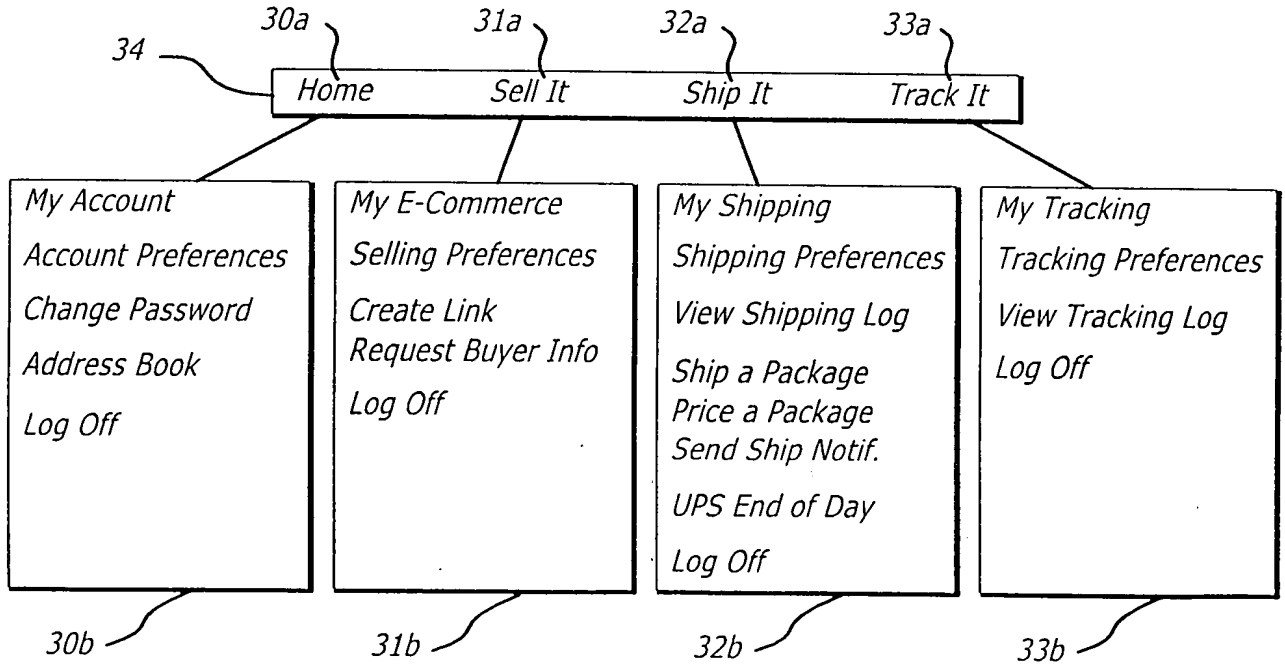

34
30a
31a
32a
33a
Home
Sell It
Ship It
Track It
My Account
Account Preferences
Change Password
Address Book
Log Off
My E-Commerce
Selling Preferences
Create Link
Request Buyer Info
Log Off
My Shipping
Shipping Preferences
View Shipping Log
Ship a Package
Price a Package
Send Ship Notif.
UPS End of Day
Log Off
My Tracking
Tracking Preferences
View Tracking Log
Log Off
30b
31b
32b
33b

FIG. 9

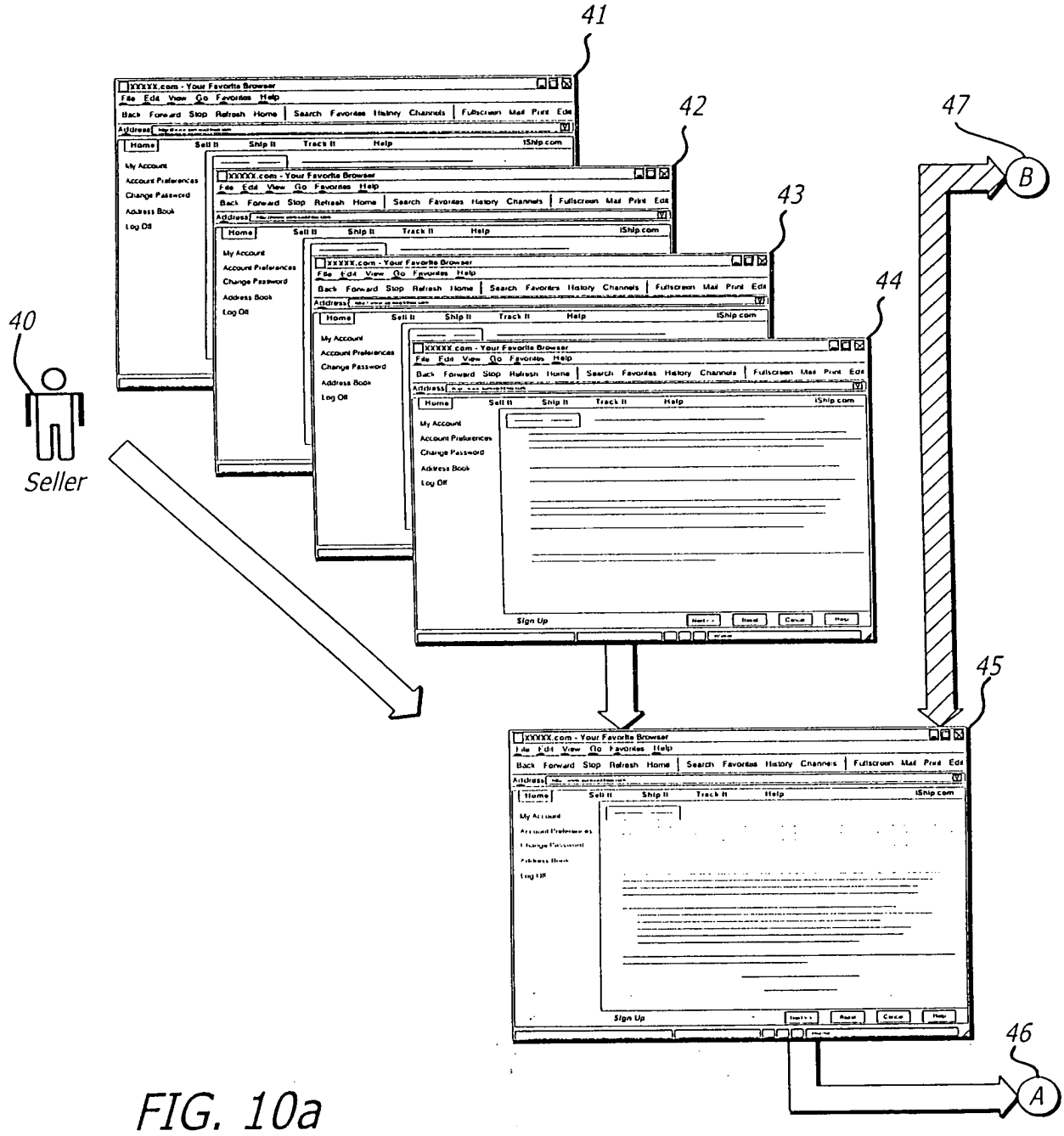

41
42
43
44
45
46
47
40
Seller
A
B
XXXXX.com - Your Favorite Browser
Sign Up

FIG. 10a

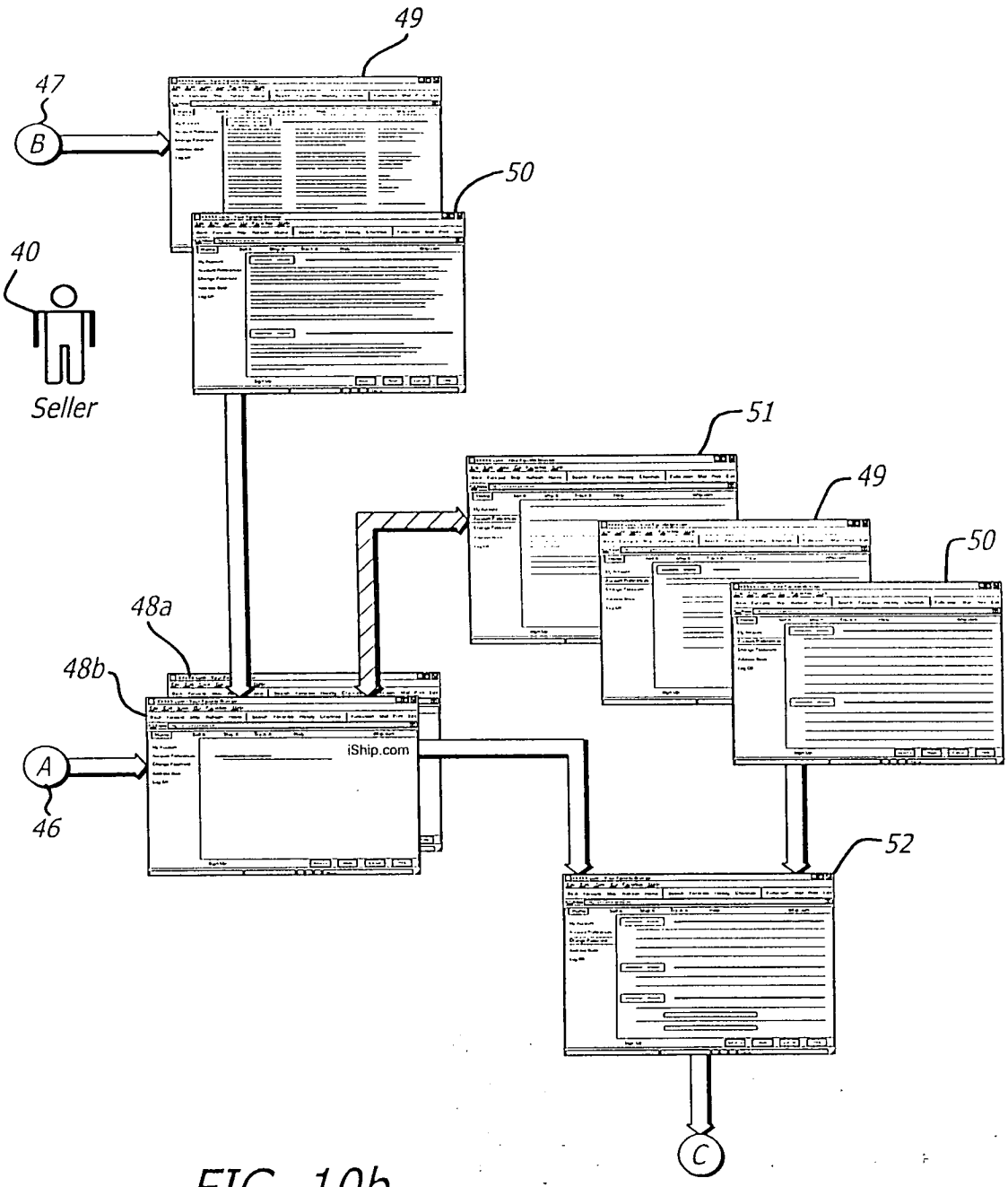


FIG. 10b

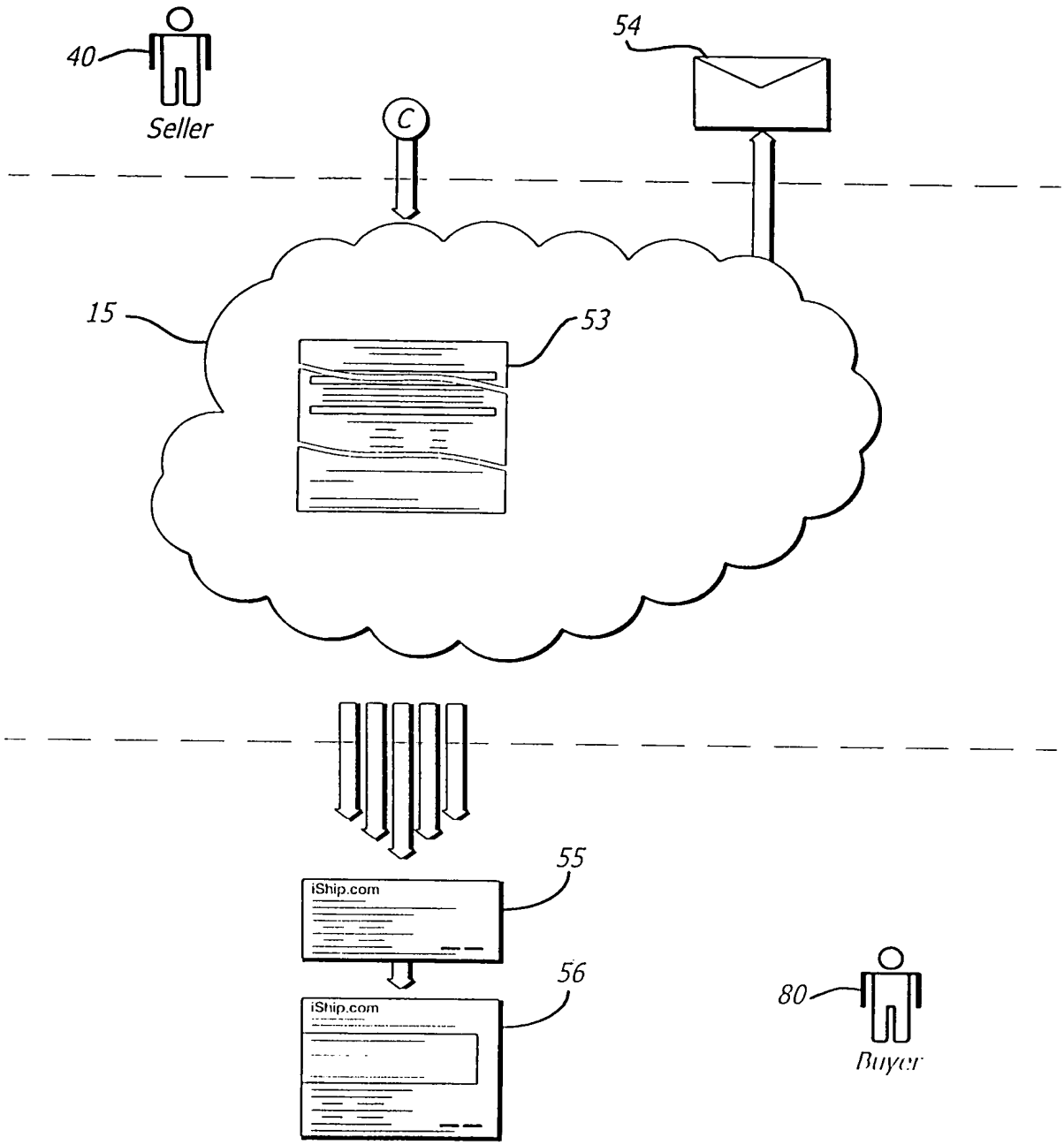


FIG. 10c

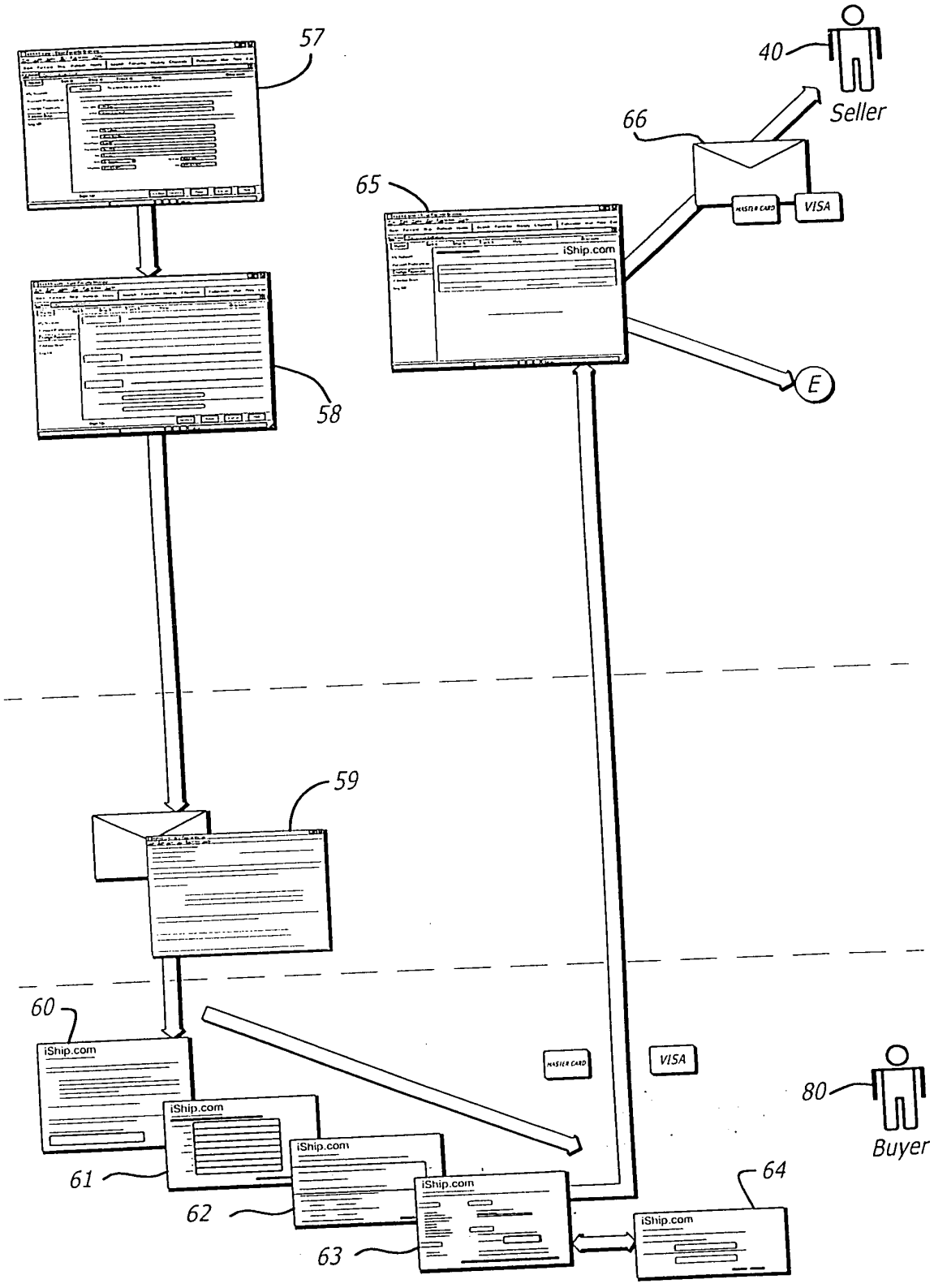
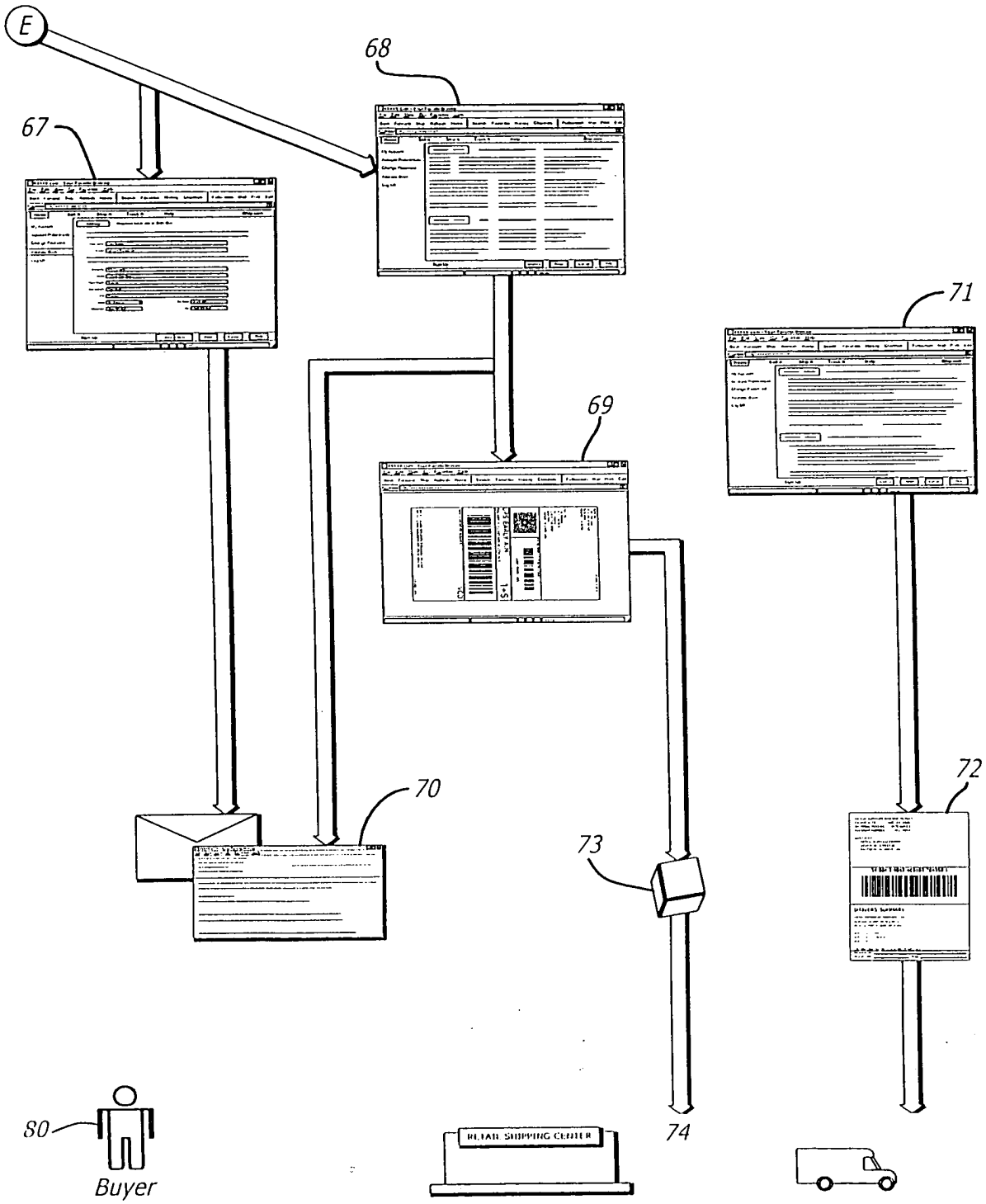

57
40
Seller
66
65
iShip.com
MASTER CARD
VISA
E
58
59
60
iShip.com
iShip.com
iShip.com
iShip.com
iShip.com
MASTER CARD
VISA
80
Buyer
61
62
63
64

FIG. 10d

FIG. 10e



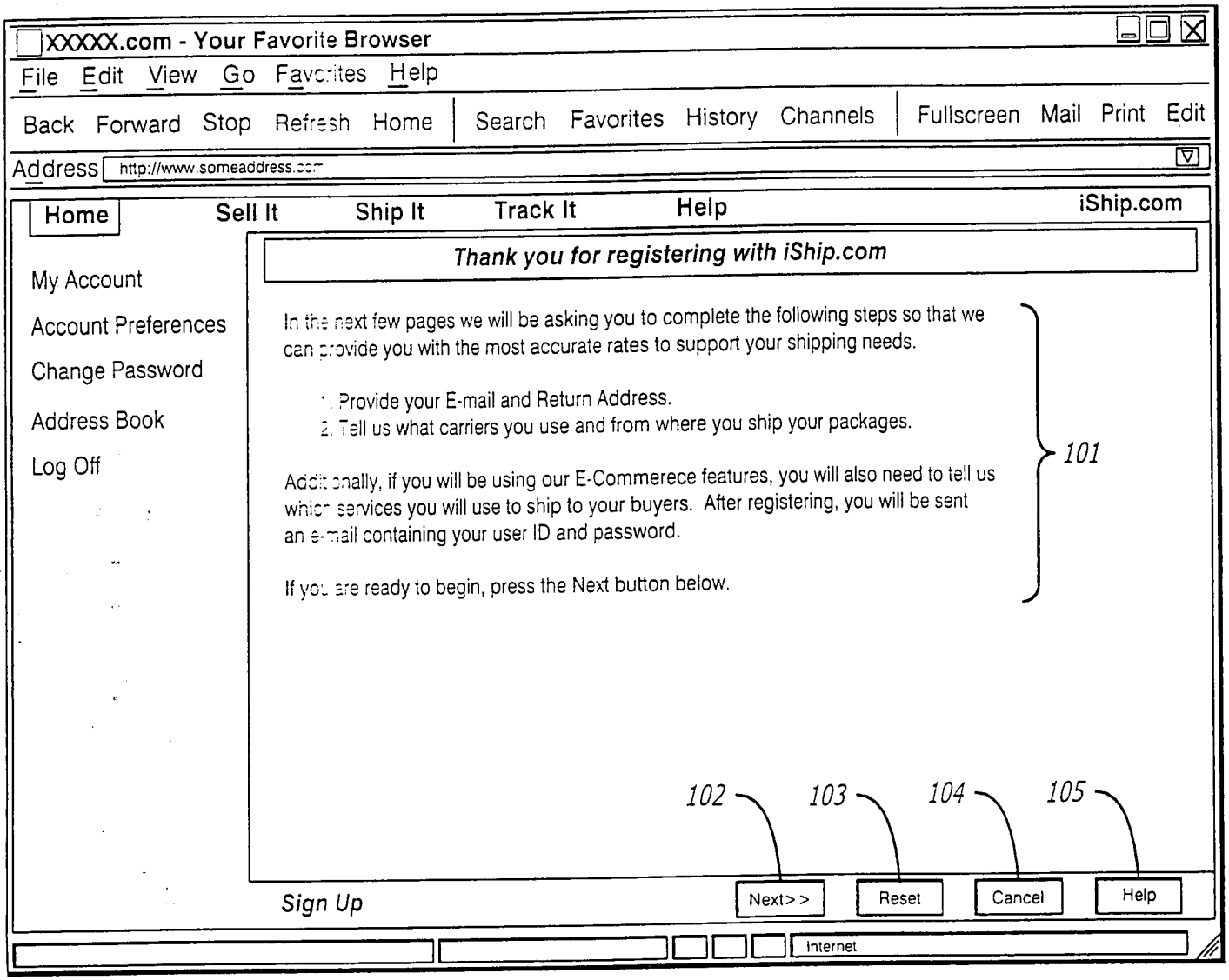

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home
Sell It
Ship It
Track It
Help
iShip.com
My Account
Account Preferences
Change Password
Address Book
Log Off
Thank you for registering with iShip.com
In the next few pages we will be asking you to complete the following steps so that we can provide you with the most accurate rates to support your shipping needs.
1. Provide your E-mail and Return Address.
2. Tell us what carriers you use and from where you ship your packages.
Additionally, if you will be using our E-Commerece features, you will also need to tell us which services you will use to ship to your buyers. After registering, you will be sent an e-mail containing your user ID and password.
If you are ready to begin, press the Next button below.
101
102
103
104
105
Sign Up
Next>>
Reset
Cancel
Help
Internet

FIG. 11

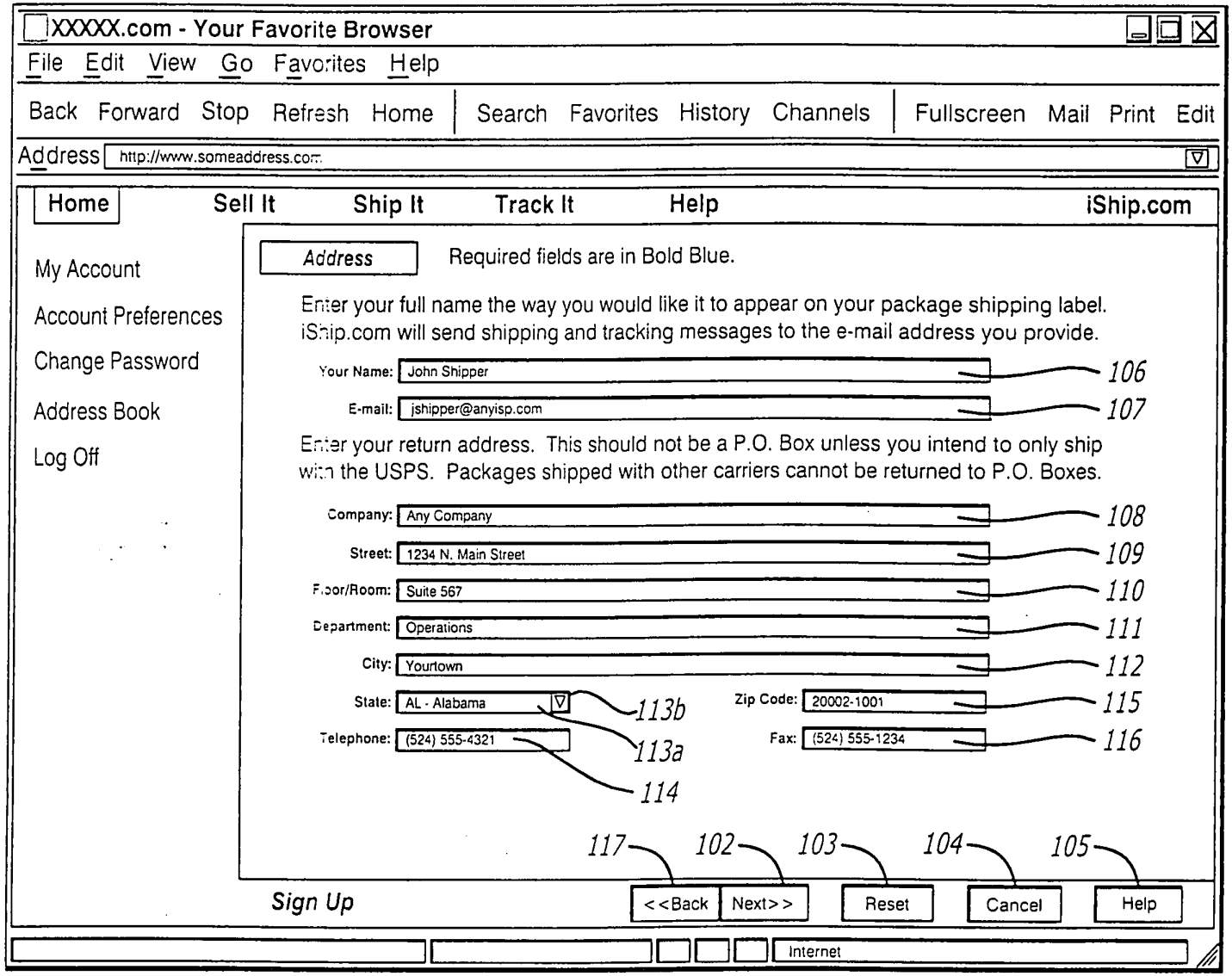

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
My Account
Account Preferences
Change Password
Address Book
Log Off
Address
Required fields are in Bold Blue.
Enter your full name the way you would like it to appear on your package shipping label. iShip.com will send shipping and tracking messages to the e-mail address you provide.
Your Name: John Shipper
106
E-mail: jshipper@anyisp.com
107
Enter your return address. This should not be a P.O. Box unless you intend to only ship with the USPS. Packages shipped with other carriers cannot be returned to P.O. Boxes.
Company: Any Company
108
Street: 1234 N. Main Street
109
Floor/Room: Suite 567
110
Department: Operations
111
City: Yourtown
112
State: AL - Alabama
113b
Zip Code: 20002-1001
115
Telephone: (524) 555-4321
113a
Fax: (524) 555-1234
116
114
117
102
103
104
105
Sign Up
<<Back
Next>>
Reset
Cancel
Help
Internet

FIG. 12

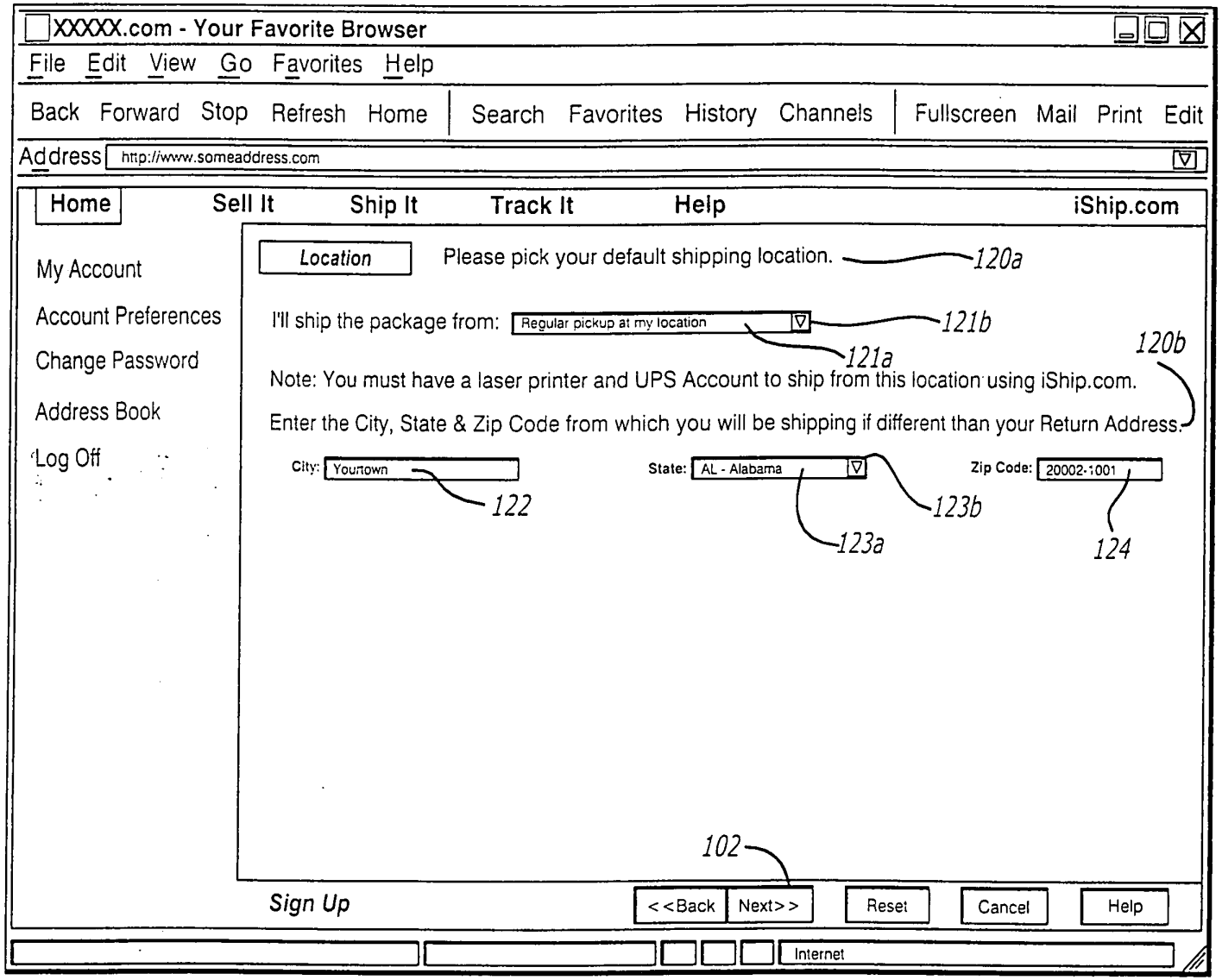

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
My Account
Account Preferences
Change Password
Address Book
Log Off
Location
Please pick your default shipping location.
120a
I'll ship the package from: Regular pickup at my location
121b
121a
120b
Note: You must have a laser printer and UPS Account to ship from this location using iShip.com.
Enter the City, State & Zip Code from which you will be shipping if different than your Return Address.
City: Yourtown
122
State: AL - Alabama
123b
123a
Zip Code: 20002-1001
124
102
Sign Up
<<Back
Next>>
Reset
Cancel
Help
Internet

FIG. 13

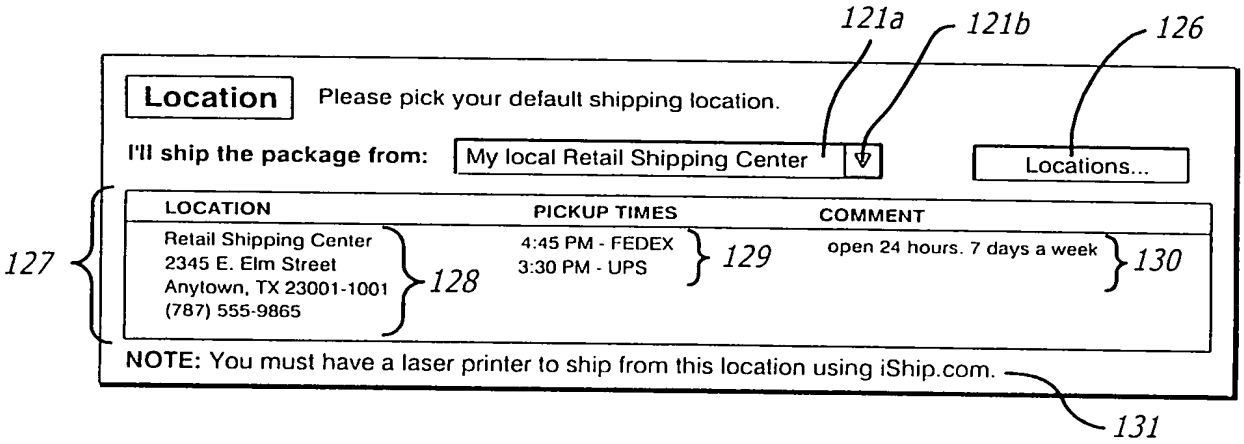

121a
121b
126
Location
Please pick your default shipping location.
I'll ship the package from:
My local Retail Shipping Center
Locations...
LOCATION
PICKUP TIMES
COMMENT
Retail Shipping Center
2345 E. Elm Street
Anytown, TX 23001-1001
(787) 555-9865
4:45 PM - FEDEX
3:30 PM - UPS
open 24 hours. 7 days a week
127
128
129
130
NOTE: You must have a laser printer to ship from this location using iShip.com.
131

FIG. 14

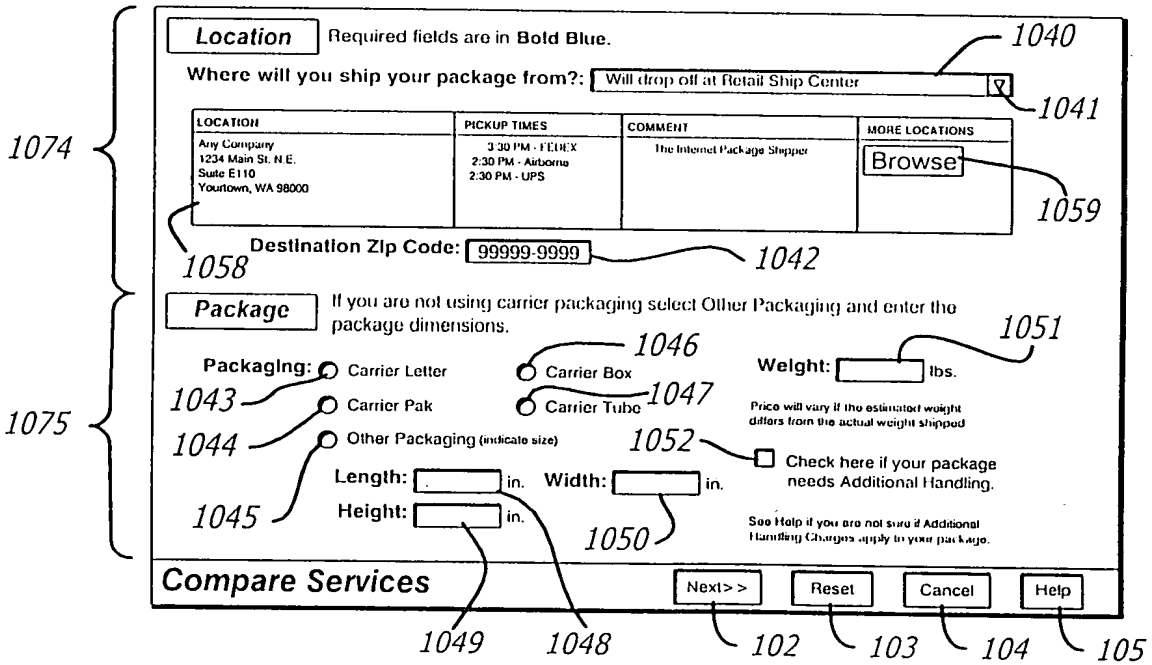

Location
Required fields are in Bold Blue.
1040
Where will you ship your package from?:
Will drop off at Retail Ship Center
1041
LOCATION
PICKUP TIMES
COMMENT
MORE LOCATIONS
Any Company
1234 Main St. N.E.
Suite E110
Yourtown, WA 98000
3:30 PM - FEDEX
2:30 PM - Airborne
2:30 PM - UPS
The Internet Package Shipper
Browse
1059
1074
1058
Destination Zip Code:
99999-9999
1042
Package
If you are not using carrier packaging select Other Packaging and enter the package dimensions.
1051
1046
Packaging:
Carrier Letter
Carrier Box
Weight:
lbs.
1043
Carrier Pak
Carrier Tube
1047
Price will vary if the estimated weight differs from the actual weight shipped
1075
1044
Other Packaging (indicate size)
1052
Check here if your package needs Additional Handling.
Length:
in.
Width:
in.
1045
Height:
in.
1050
See Help if you are not sure if Additional Handling Charges apply to your package.
Compare Services
Next>>
Reset
Cancel
Help
1049
1048
102
103
104
105

FIG. 15

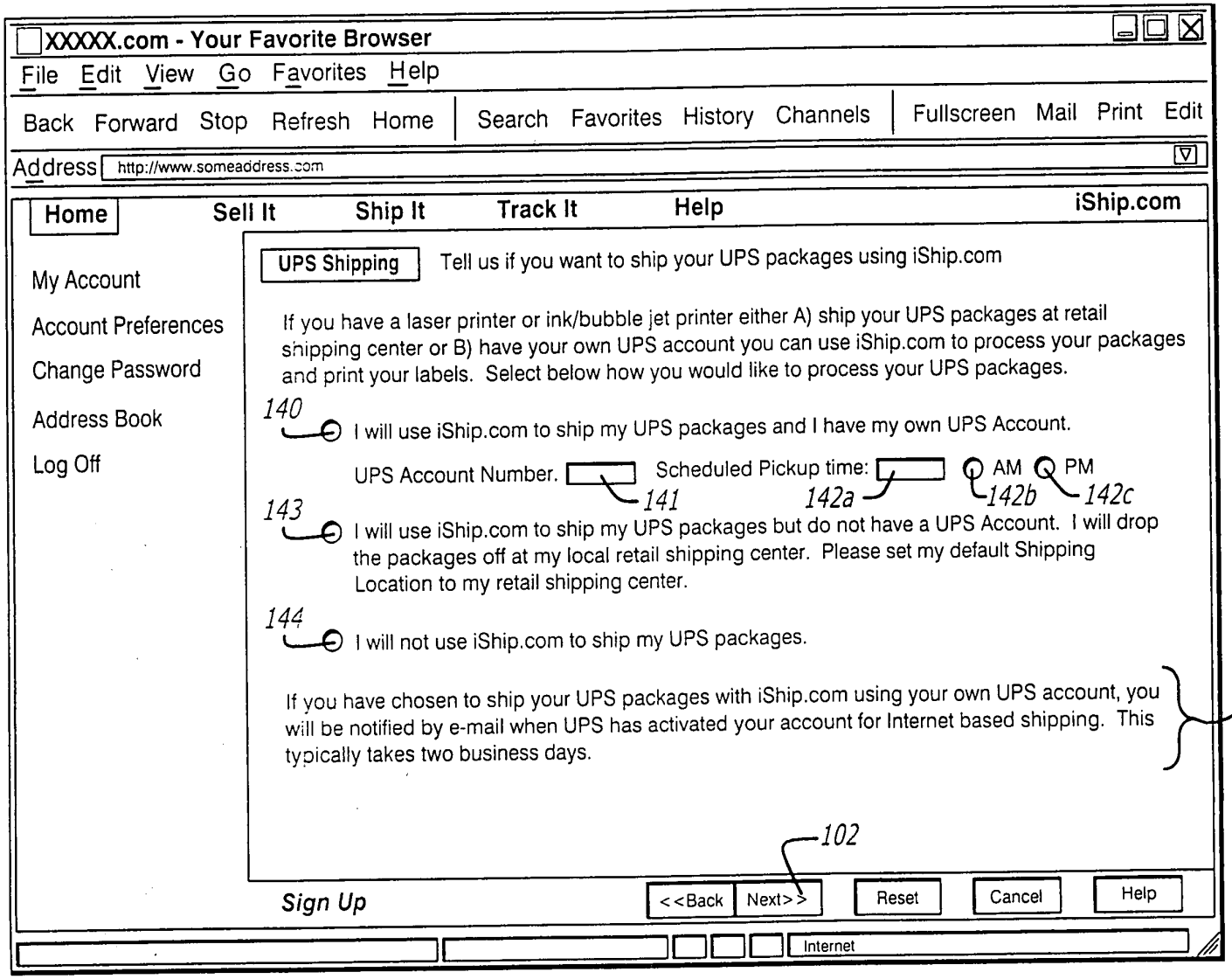

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home
Sell It
Ship It
Track It
Help
iShip.com
My Account
Account Preferences
Change Password
Address Book
Log Off
UPS Shipping
Tell us if you want to ship your UPS packages using iShip.com
If you have a laser printer or ink/bubble jet printer either A) ship your UPS packages at retail shipping center or B) have your own UPS account you can use iShip.com to process your packages and print your labels. Select below how you would like to process your UPS packages.
140
I will use iShip.com to ship my UPS packages and I have my own UPS Account.
UPS Account Number.
141
Scheduled Pickup time:
142a
AM
142b
PM
142c
143
I will use iShip.com to ship my UPS packages but do not have a UPS Account. I will drop the packages off at my local retail shipping center. Please set my default Shipping Location to my retail shipping center.
144
I will not use iShip.com to ship my UPS packages.
If you have chosen to ship your UPS packages with iShip.com using your own UPS account, you will be notified by e-mail when UPS has activated your account for Internet based shipping. This typically takes two business days.
145
102
Sign Up
<<Back
Next>>
Reset
Cancel
Help
Internet

FIG. 16

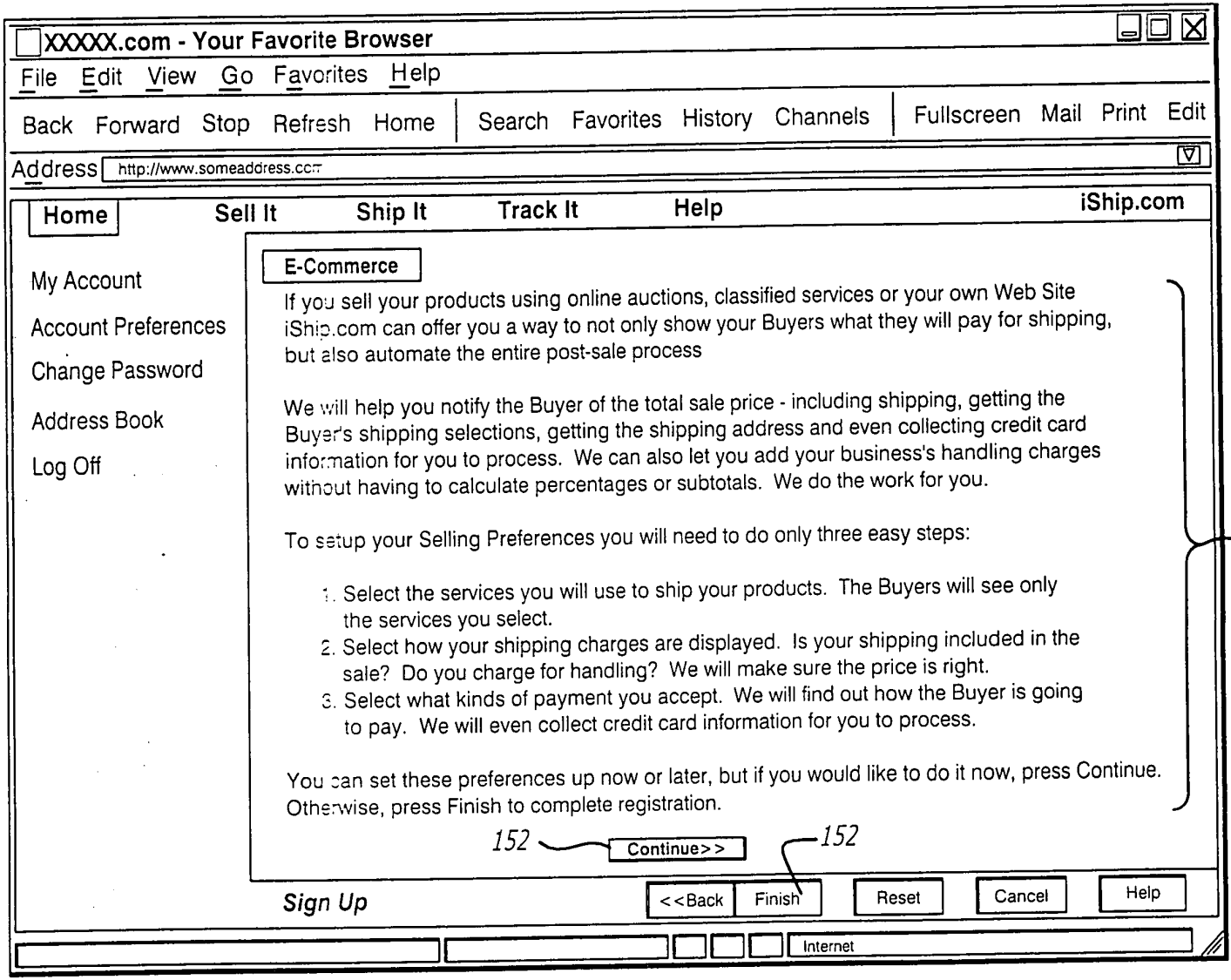

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home
Sell It
Ship It
Track It
Help
iShip.com
My Account
Account Preferences
Change Password
Address Book
Log Off
E-Commerce
If you sell your products using online auctions, classified services or your own Web Site iShip.com can offer you a way to not only show your Buyers what they will pay for shipping, but also automate the entire post-sale process
We will help you notify the Buyer of the total sale price - including shipping, getting the Buyer's shipping selections, getting the shipping address and even collecting credit card information for you to process. We can also let you add your business's handling charges without having to calculate percentages or subtotals. We do the work for you.
To setup your Selling Preferences you will need to do only three easy steps:
1. Select the services you will use to ship your products. The Buyers will see only the services you select.
2. Select how your shipping charges are displayed. Is your shipping included in the sale? Do you charge for handling? We will make sure the price is right.
3. Select what kinds of payment you accept. We will find out how the Buyer is going to pay. We will even collect credit card information for you to process.
You can set these preferences up now or later, but if you would like to do it now, press Continue. Otherwise, press Finish to complete registration.
150
152
Continue>>
152
Sign Up
<<Back
Finish
Reset
Cancel
Help
Internet

FIG. 17

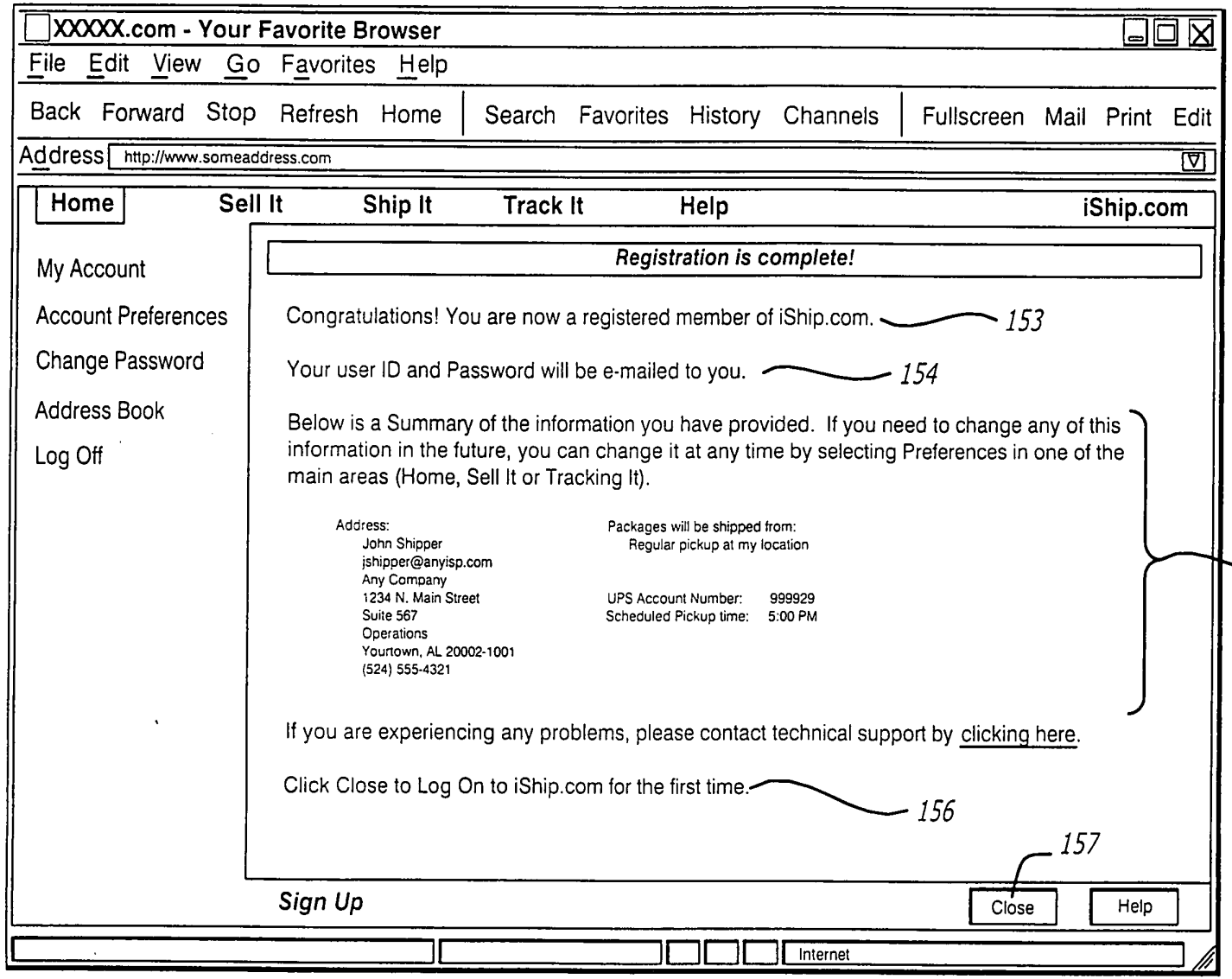

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home
Sell It
Ship It
Track It
Help
iShip.com
My Account
Account Preferences
Change Password
Address Book
Log Off
Registration is complete!
Congratulations! You are now a registered member of iShip.com.
153
Your user ID and Password will be e-mailed to you.
154
Below is a Summary of the information you have provided. If you need to change any of this information in the future, you can change it at any time by selecting Preferences in one of the main areas (Home, Sell It or Tracking It).
Address:
John Shipper
jshipper@anyisp.com
Any Company
1234 N. Main Street
Suite 567
Operations
Yourtown, AL 20002-1001
(524) 555-4321
Packages will be shipped from:
Regular pickup at my location
UPS Account Number: 999929
Scheduled Pickup time: 5:00 PM
155
If you are experiencing any problems, please contact technical support by clicking here.
Click Close to Log On to iShip.com for the first time.
156
157
Sign Up
Close
Help
Internet

FIG. 18

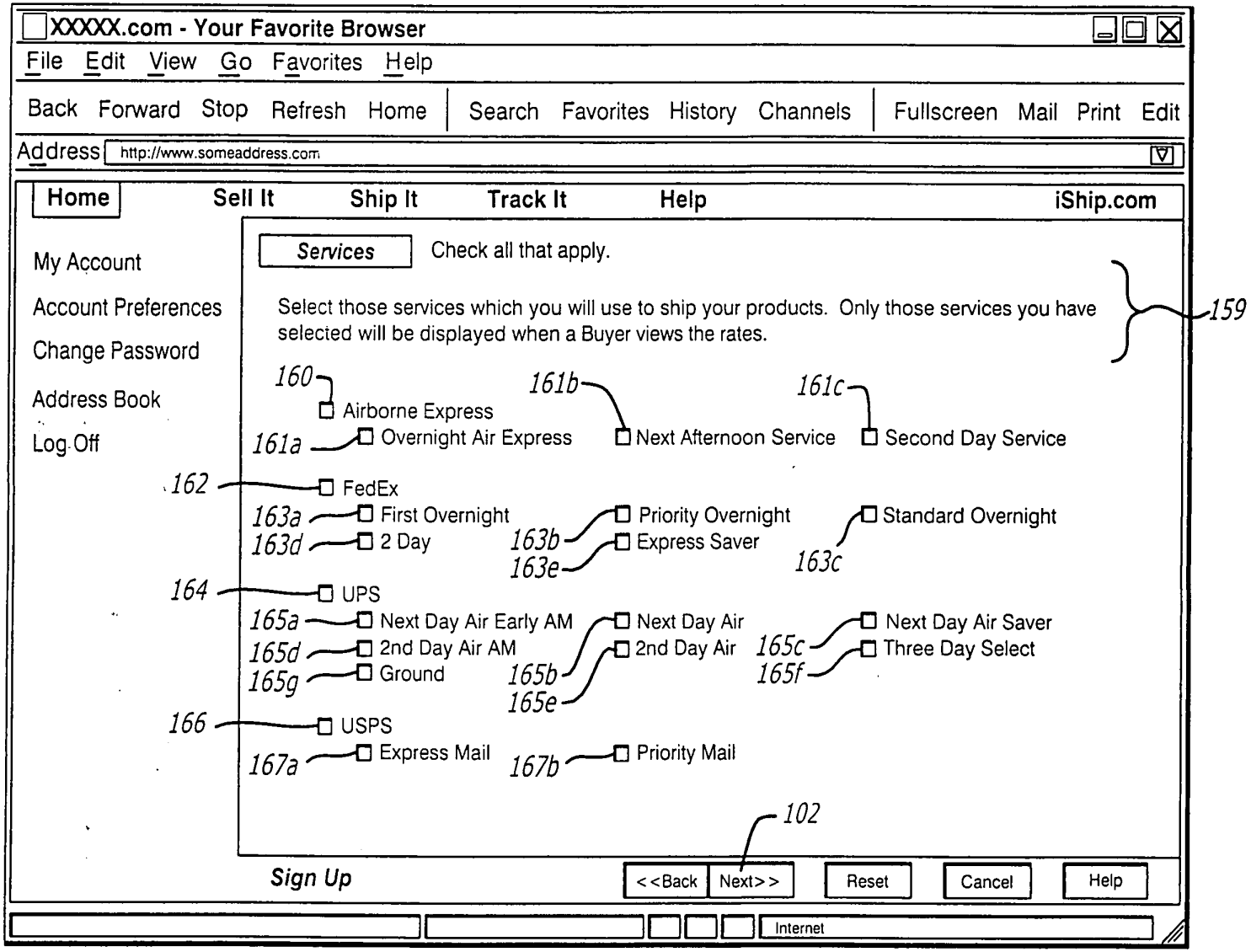

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home
Sell It
Ship It
Track It
Help
iShip.com
My Account
Account Preferences
Change Password
Address Book
Log Off
Services
Check all that apply.
Select those services which you will use to ship your products. Only those services you have selected will be displayed when a Buyer views the rates.
159
160
Airborne Express
161a
Overnight Air Express
161b
Next Afternoon Service
161c
Second Day Service
162
FedEx
163a
First Overnight
163d
2 Day
163b
Priority Overnight
163e
Express Saver
163c
Standard Overnight
164
UPS
165a
Next Day Air Early AM
165d
2nd Day Air AM
165g
Ground
165b
165e
Next Day Air
2nd Day Air
165c
165f
Next Day Air Saver
Three Day Select
166
USPS
167a
Express Mail
167b
Priority Mail
102
Sign Up
<<Back
Next>>
Reset
Cancel
Help
Internet

FIG. 19

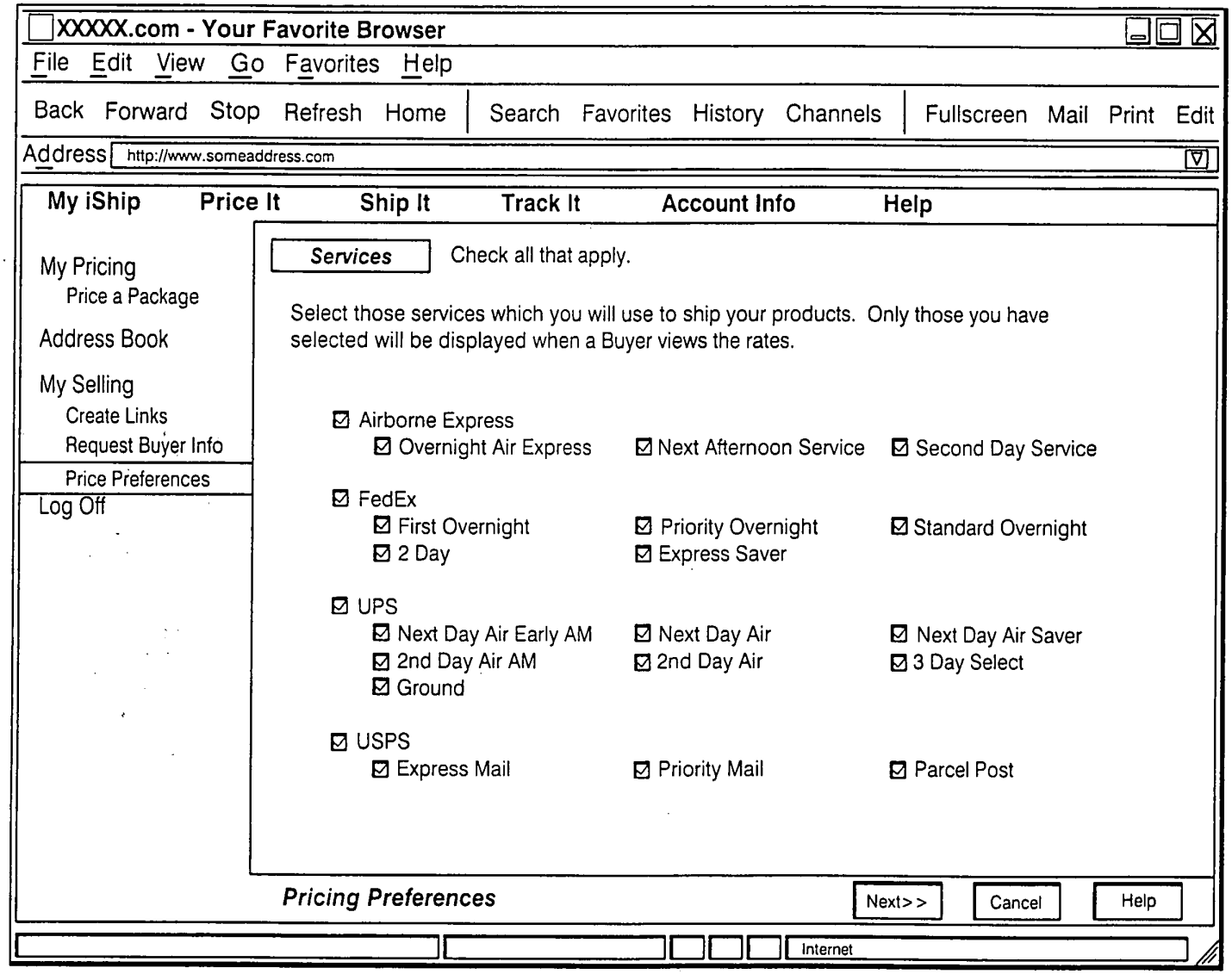

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
My iShip Price It Ship It Track It Account Info Help
My Pricing
Price a Package
Address Book
My Selling
Create Links
Request Buyer Info
Price Preferences
Log Off
Services
Check all that apply.
Select those services which you will use to ship your products. Only those you have selected will be displayed when a Buyer views the rates.
Airborne Express
Overnight Air Express
Next Afternoon Service
Second Day Service
FedEx
First Overnight
Priority Overnight
Standard Overnight
2 Day
Express Saver
UPS
Next Day Air Early AM
Next Day Air
Next Day Air Saver
2nd Day Air AM
2nd Day Air
3 Day Select
Ground
USPS
Express Mail
Priority Mail
Parcel Post
Pricing Preferences
Next>>
Cancel
Help
Internet

FIG. 20

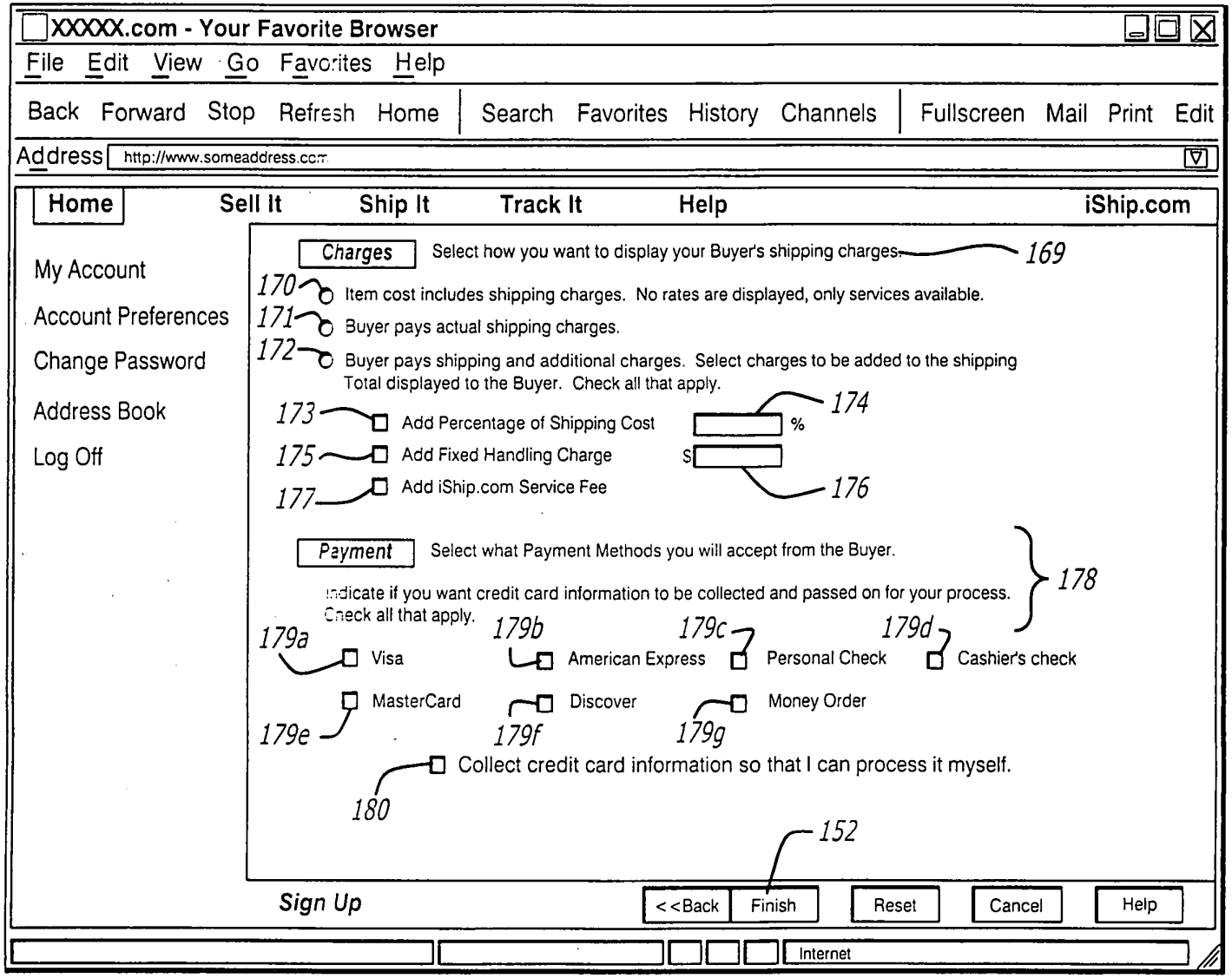

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
My Account
Account Preferences
Change Password
Address Book
Log Off
Charges
Select how you want to display your Buyer's shipping charges.
169
170
Item cost includes shipping charges. No rates are displayed, only services available.
171
Buyer pays actual shipping charges.
172
Buyer pays shipping and additional charges. Select charges to be added to the shipping Total displayed to the Buyer. Check all that apply.
173
Add Percentage of Shipping Cost
174
%
175
Add Fixed Handling Charge
$
176
177
Add iShip.com Service Fee
Payment
Select what Payment Methods you will accept from the Buyer.
Indicate if you want credit card information to be collected and passed on for your process.
Check all that apply.
178
179a
Visa
179b
American Express
179c
Personal Check
179d
Cashier's check
MasterCard
179e
Discover
179f
Money Order
179g
Collect credit card information so that I can process it myself.
180
152
Sign Up
<<Back
Finish
Reset
Cancel
Help
Internet

FIG. 21

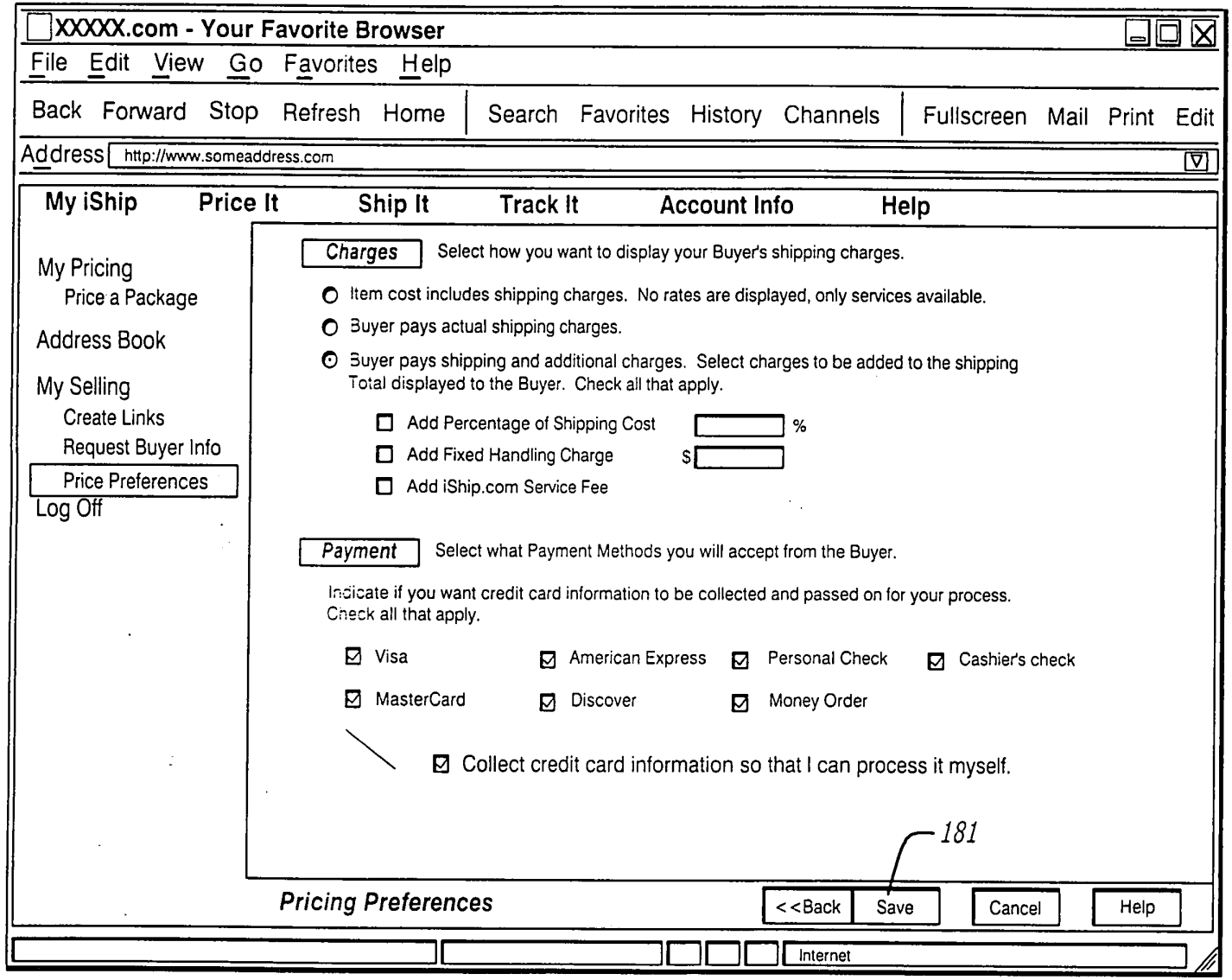

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
My iShip Price It Ship It Track It Account Info Help
My Pricing
Price a Package
Address Book
My Selling
Create Links
Request Buyer Info
Price Preferences
Log Off
Charges
Select how you want to display your Buyer's shipping charges.
Item cost includes shipping charges. No rates are displayed, only services available.
Buyer pays actual shipping charges.
Buyer pays shipping and additional charges. Select charges to be added to the shipping Total displayed to the Buyer. Check all that apply.
Add Percentage of Shipping Cost %
Add Fixed Handling Charge $
Add iShip.com Service Fee
Payment
Select what Payment Methods you will accept from the Buyer.
Indicate if you want credit card information to be collected and passed on for your process. Check all that apply.
Visa
American Express
Personal Check
Cashier's check
MasterCard
Discover
Money Order
Collect credit card information so that I can process it myself.
181
Pricing Preferences
<<Back
Save
Cancel
Help
Internet

FIG. 22

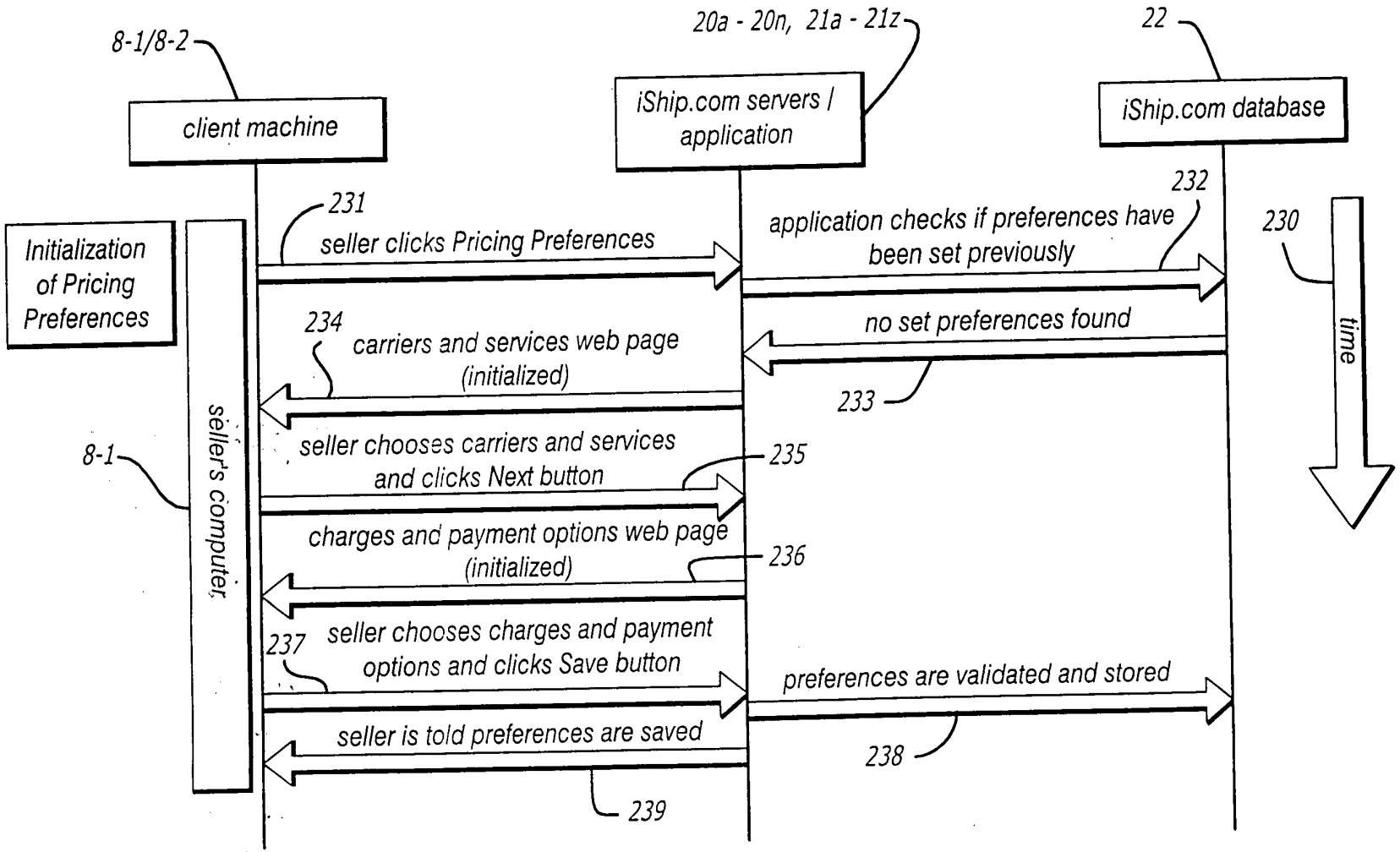

8-1/8-2
client machine
20a - 20n, 21a - 21z
iShip.com servers / application
22
iShip.com database
Initialization of Pricing Preferences
8-1
seller's computer
231
seller clicks Pricing Preferences
232
application checks if preferences have been set previously
230
time
234
carriers and services web page (initialized)
no set preferences found
233
seller chooses carriers and services and clicks Next button
235
charges and payment options web page (initialized)
236
237
seller chooses charges and payment options and clicks Save button
preferences are validated and stored
238
seller is told preferences are saved
239

FIG. 23

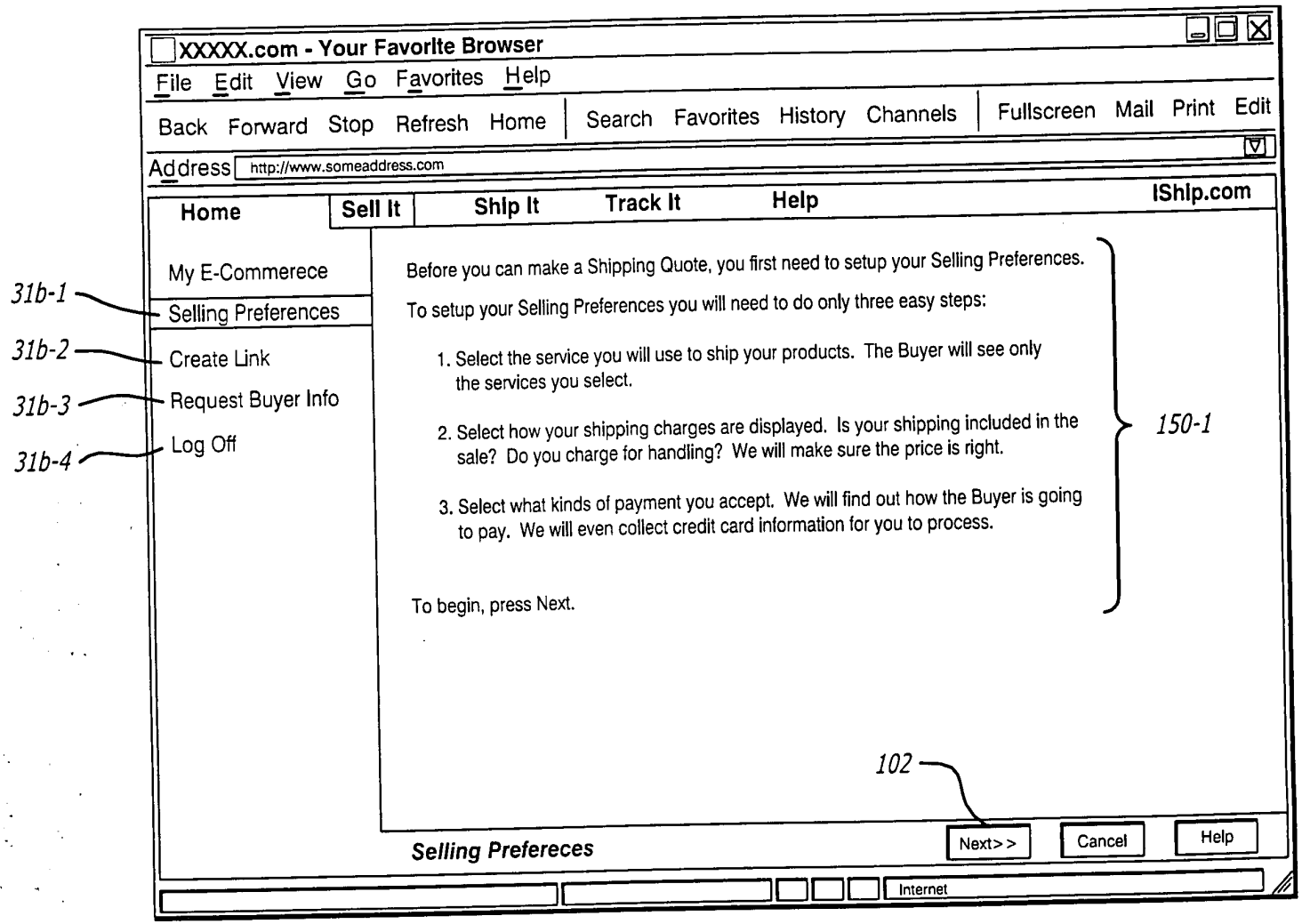

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home
Sell It
Ship It
Track It
Help
IShip.com
My E-Commerece
Selling Preferences
Create Link
Request Buyer Info
Log Off
31b-1
31b-2
31b-3
31b-4
Before you can make a Shipping Quote, you first need to setup your Selling Preferences.
To setup your Selling Preferences you will need to do only three easy steps:
1. Select the service you will use to ship your products. The Buyer will see only the services you select.
2. Select how your shipping charges are displayed. Is your shipping included in the sale? Do you charge for handling? We will make sure the price is right.
3. Select what kinds of payment you accept. We will find out how the Buyer is going to pay. We will even collect credit card information for you to process.
To begin, press Next.
150-1
102
Selling Prefereces
Next>>
Cancel
Help
Internet

FIG. 24

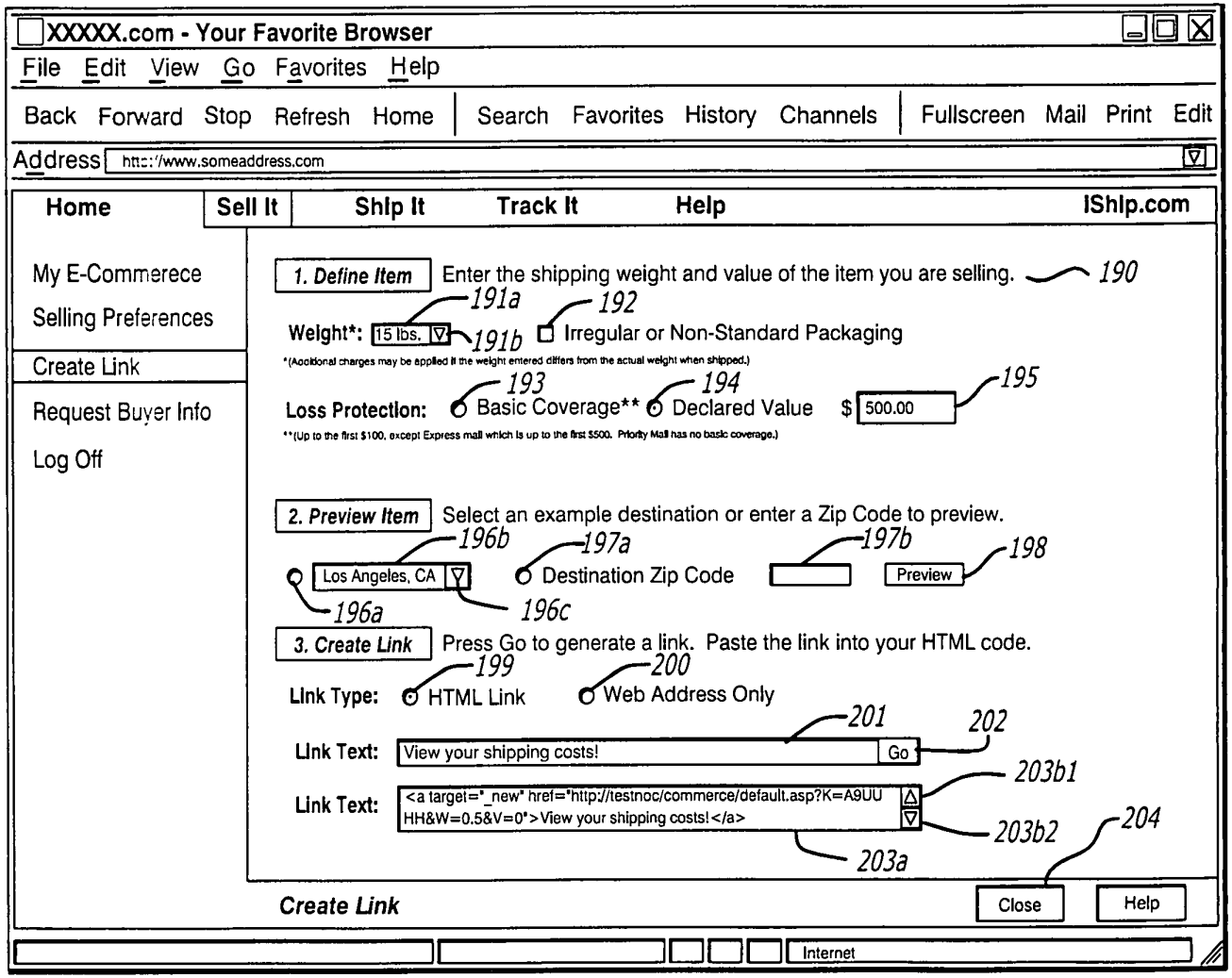

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home
Sell It
Ship It
Track It
Help
IShip.com
My E-Commerece
Selling Preferences
Create Link
Request Buyer Info
Log Off
1. Define Item
Enter the shipping weight and value of the item you are selling.
190
191a
192
Weight*: 15 lbs.
191b
Irregular or Non-Standard Packaging
*(Additional charges may be applied if the weight entered differs from the actual weight when shipped.)
193
194
195
Loss Protection:
Basic Coverage**
Declared Value
$ 500.00
**(Up to the first $100, except Express mail which is up to the first $500. Priority Mail has no basic coverage.)
2. Preview Item
Select an example destination or enter a Zip Code to preview.
196b
197a
197b
198
Los Angeles, CA
Destination Zip Code
Preview
196a
196c
3. Create Link
Press Go to generate a link. Paste the link into your HTML code.
199
200
Link Type:
HTML Link
Web Address Only
201
202
Link Text:
View your shipping costs!
Go
203b1
Link Text:
<a target="_new" href="http://testnoc/commerce/default.asp?K=A9UU
HH&W=0.5&V=0">View your shipping costs!
203b2
204
203a
Create Link
Close
Help
Internet

FIG. 25

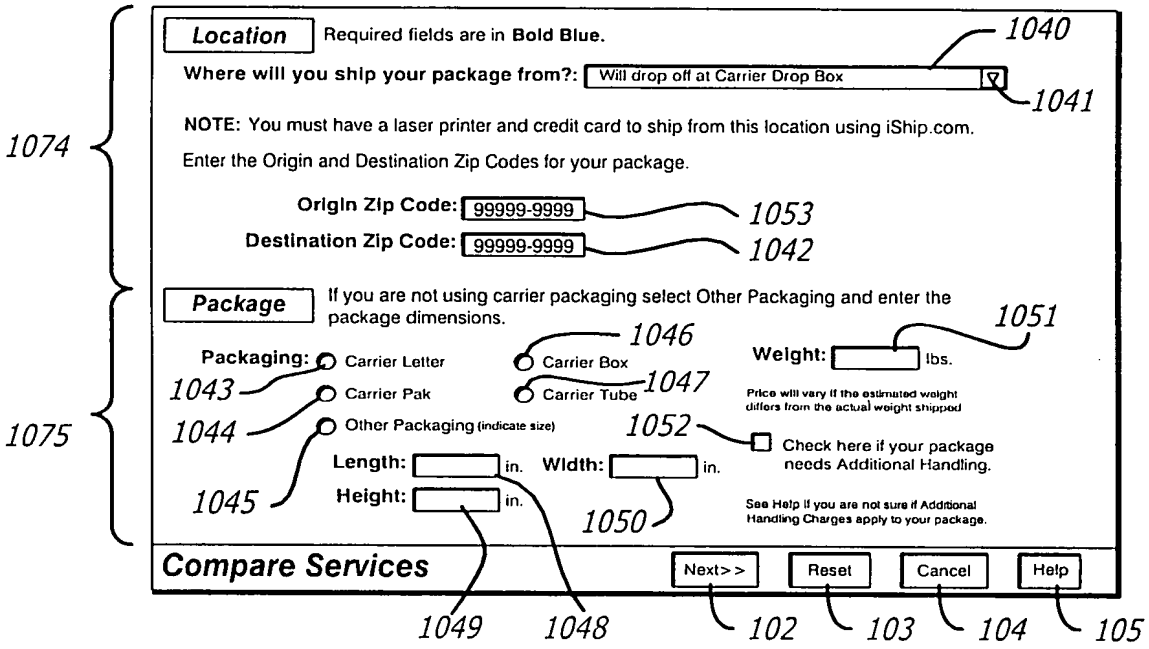

Location
Required fields are in Bold Blue.
Where will you ship your package from?:
Will drop off at Carrier Drop Box
NOTE: You must have a laser printer and credit card to ship from this location using iShip.com.
Enter the Origin and Destination Zip Codes for your package.
Origin Zip Code: 99999-9999
Destination Zip Code: 99999-9999
Package
If you are not using carrier packaging select Other Packaging and enter the package dimensions.
Packaging:
Carrier Letter
Carrier Pak
Other Packaging (indicate size)
Carrier Box
Carrier Tube
Length: in.
Height: in.
Width: in.
Weight: lbs.
Price will vary if the estimated weight differs from the actual weight shipped
Check here if your package needs Additional Handling.
See Help if you are not sure if Additional Handling Charges apply to your package.
Compare Services
Next>>
Reset
Cancel
Help
1074
1075
1040
1041
1053
1042
1051
1046
1043
1047
1044
1052
1045
1050
1049
1048
102
103
104
105

FIG. 26

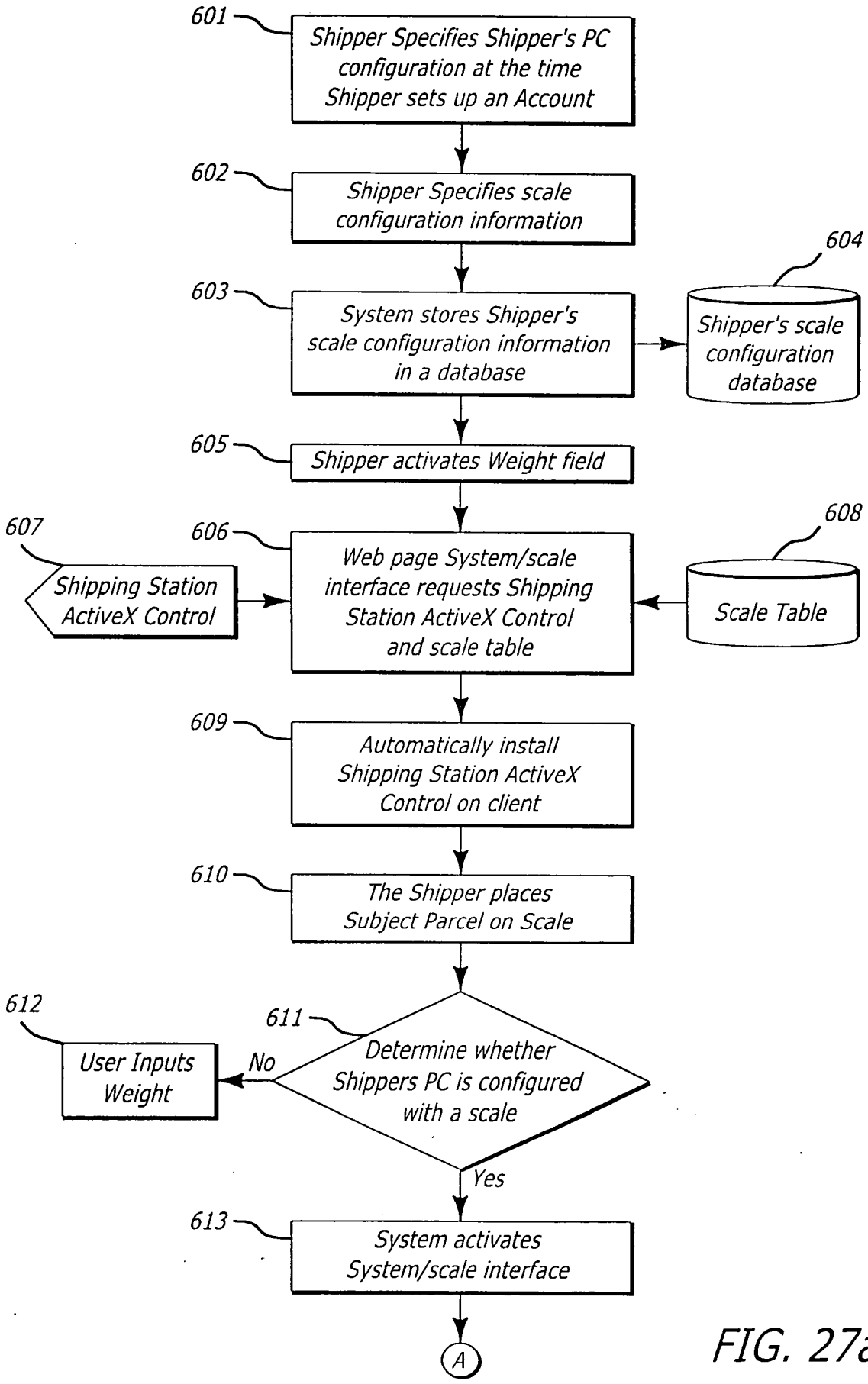

601
Shipper Specifies Shipper's PC configuration at the time Shipper sets up an Account
602
Shipper Specifies scale configuration information
603
System stores Shipper's scale configuration information in a database
604
Shipper's scale configuration database
605
Shipper activates Weight field
606
Web page System/scale interface requests Shipping Station ActiveX Control and scale table
607
Shipping Station ActiveX Control
608
Scale Table
609
Automatically install Shipping Station ActiveX Control on client
610
The Shipper places Subject Parcel on Scale
611
Determine whether Shippers PC is configured with a scale
612
User Inputs Weight
No
Yes
613
System activates System/scale interface
A

FIG. 27a

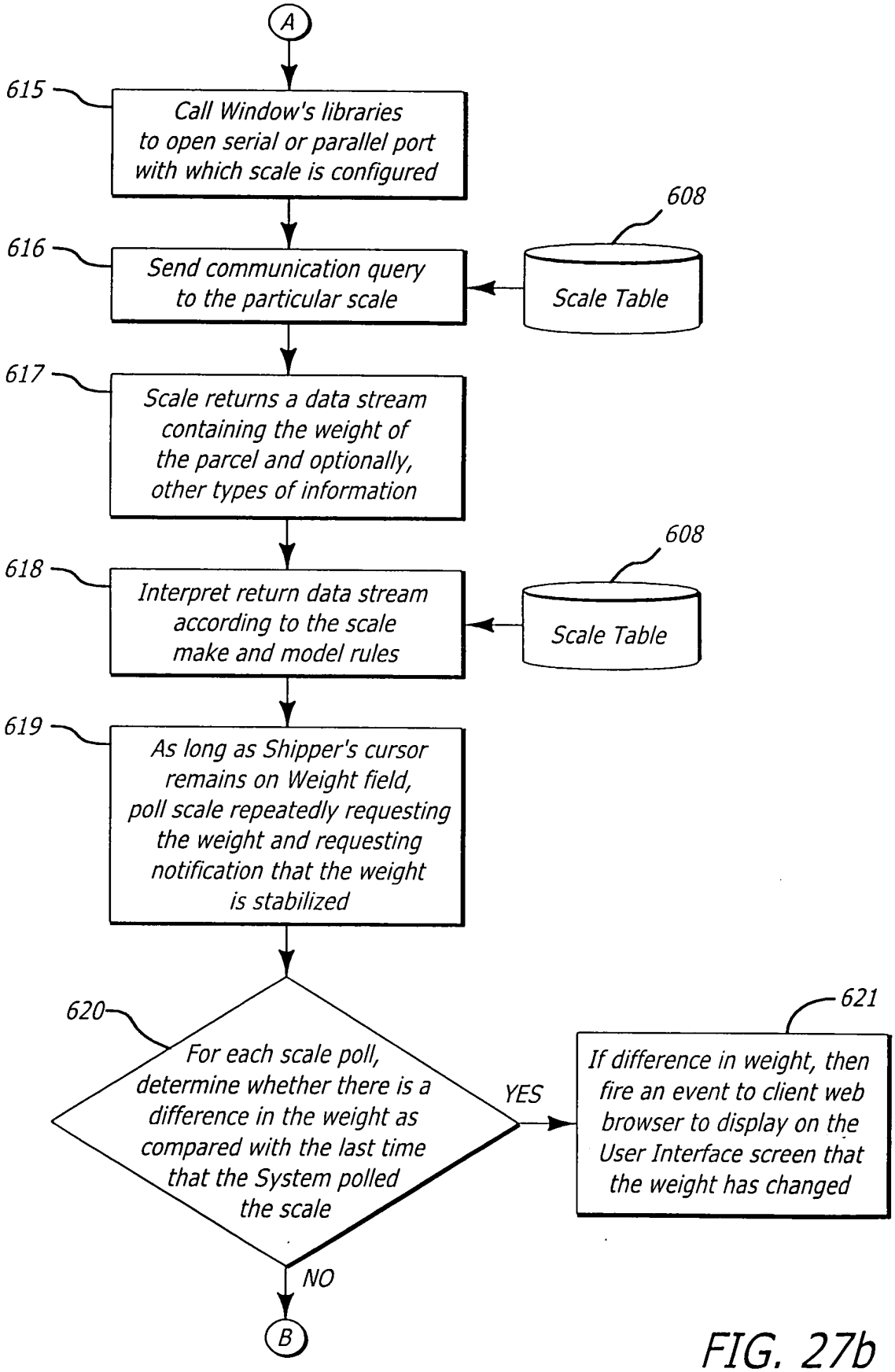

A
615
Call Window's libraries to open serial or parallel port with which scale is configured
608
616
Send communication query to the particular scale
Scale Table
617
Scale returns a data stream containing the weight of the parcel and optionally, other types of information
608
618
Interpret return data stream according to the scale make and model rules
Scale Table
619
As long as Shipper's cursor remains on Weight field, poll scale repeatedly requesting the weight and requesting notification that the weight is stabilized
620
For each scale poll, determine whether there is a difference in the weight as compared with the last time that the System polled the scale
YES
621
If difference in weight, then fire an event to client web browser to display on the User Interface screen that the weight has changed
NO
B

FIG. 27b

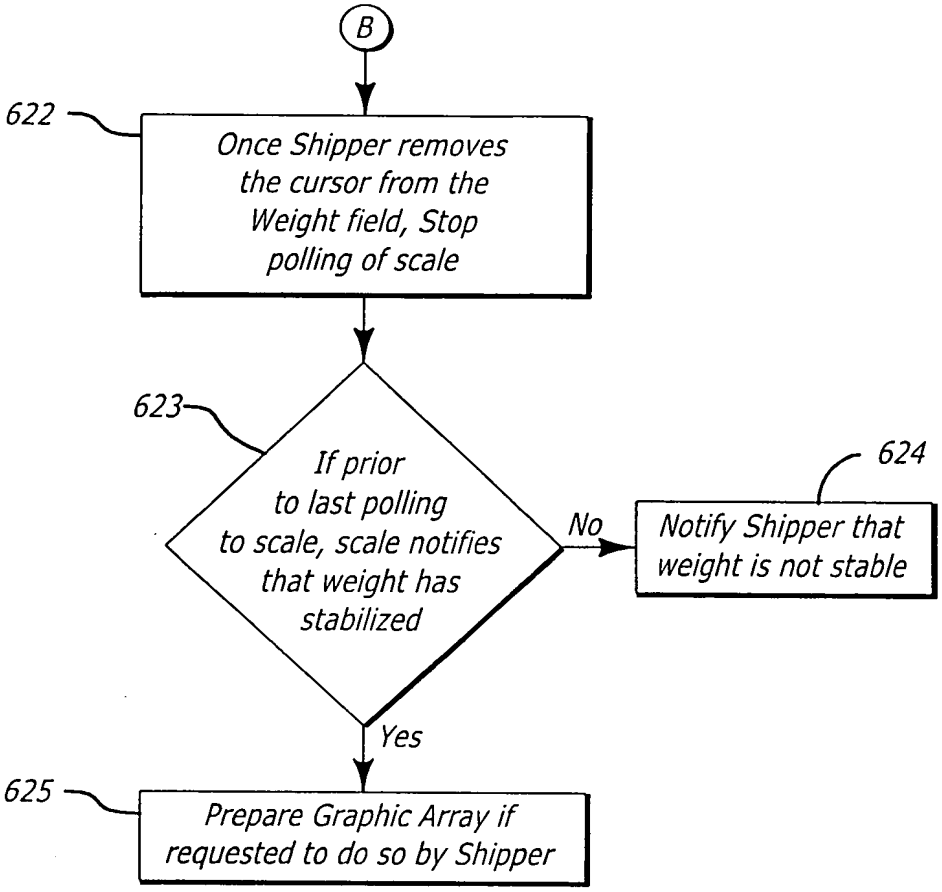

B
622
Once Shipper removes the cursor from the Weight field, Stop polling of scale
623
If prior to last polling to scale, scale notifies that weight has stabilized
No
624
Notify Shipper that weight is not stable
Yes
625
Prepare Graphic Array if requested to do so by Shipper

FIG. 27c

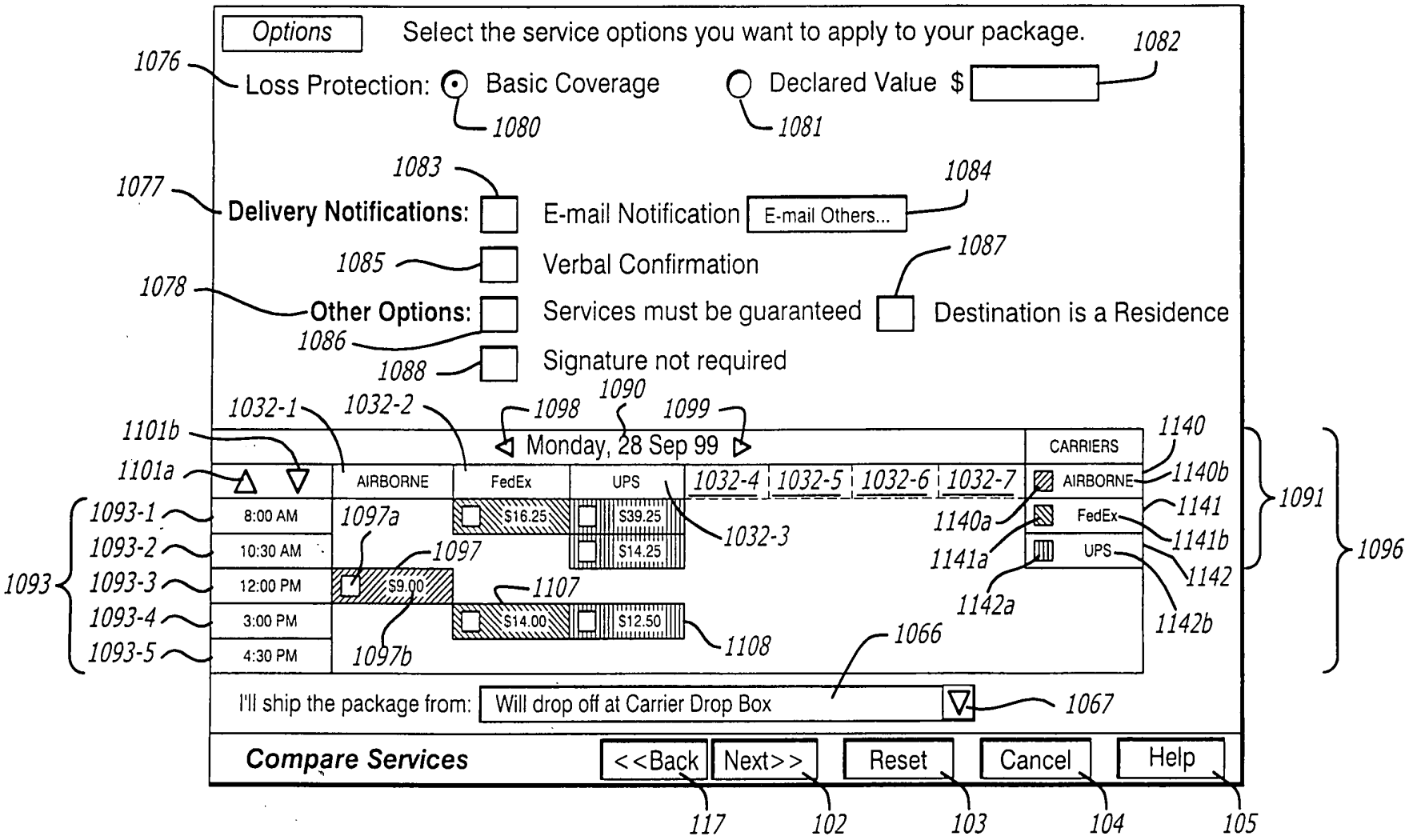

Options
Select the service options you want to apply to your package.
1076
Loss Protection:
Basic Coverage
1080
Declared Value $
1081
1082
1083
1077
Delivery Notifications:
E-mail Notification
E-mail Others...
1084
1085
Verbal Confirmation
1087
1078
Other Options:
Services must be guaranteed
Destination is a Residence
1086
1088
Signature not required
1090
1032-1
1032-2
1098
1099
1101b
Monday, 28 Sep 99
CARRIERS
1140
1101a
AIRBORNE
FedEx
UPS
1032-4
1032-5
1032-6
1032-7
AIRBORNE
1140b
1093-1
8:00 AM
1097a
$16.25
$39.25
1032-3
1140a
FedEx
1141
1091
1093-2
10:30 AM
1097
$14.25
1141a
UPS
1141b
1093
1093-3
12:00 PM
$9.00
1107
1142
1096
1093-4
3:00 PM
$14.00
$12.50
1142a
1142b
1093-5
4:30 PM
1097b
1108
1066
I'll ship the package from:
Will drop off at Carrier Drop Box
1067
Compare Services
<<Back
Next>>
Reset
Cancel
Help
117
102
103
104
105

FIG. 28

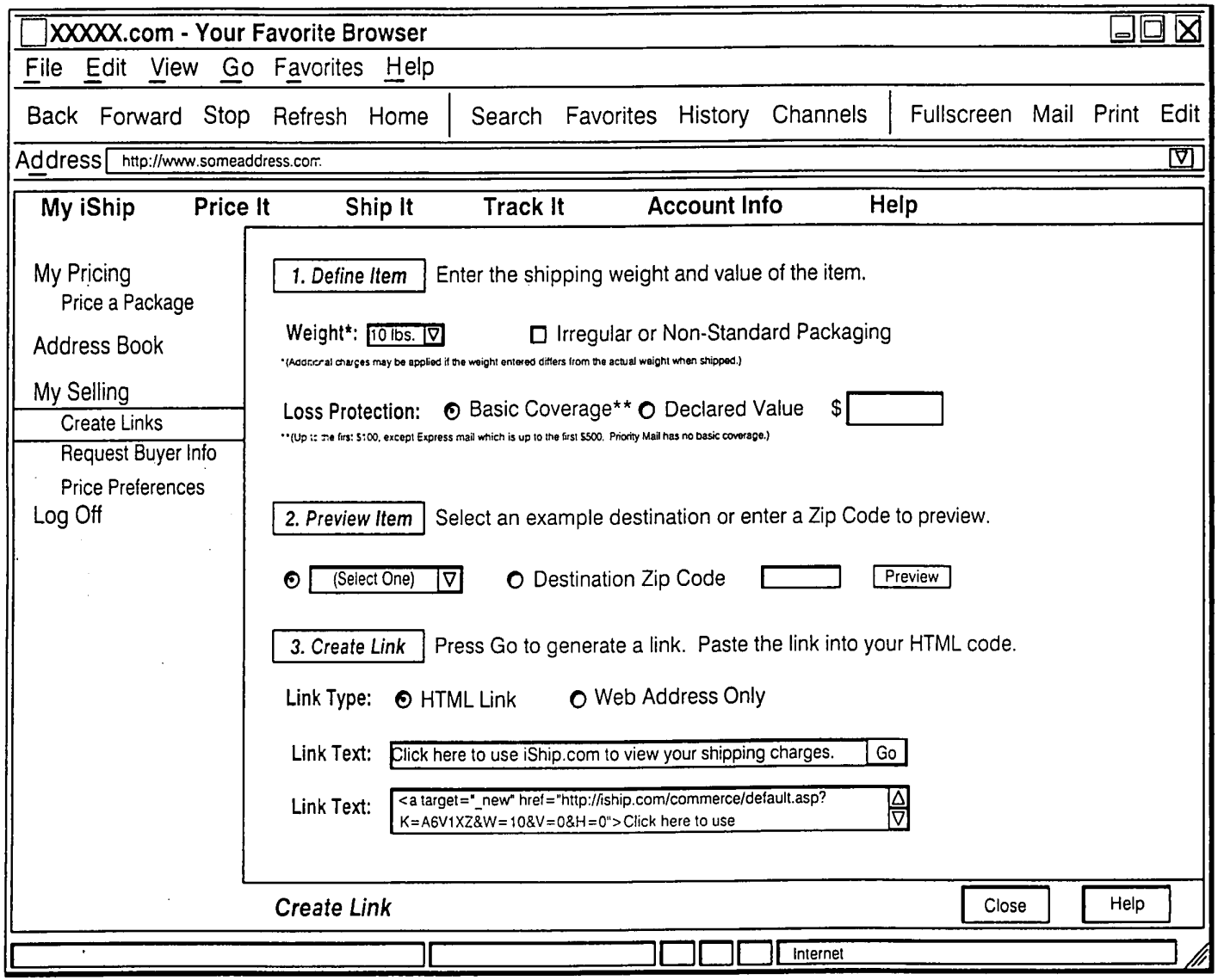

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
My iShip Price It Ship It Track It Account Info Help
My Pricing
Price a Package
Address Book
My Selling
Create Links
Request Buyer Info
Price Preferences
Log Off
1. Define Item
Enter the shipping weight and value of the item.
Weight*: 10 lbs.
Irregular or Non-Standard Packaging
*(Additional charges may be applied if the weight entered differs from the actual weight when shipped.)
Loss Protection: Basic Coverage** Declared Value $
**(Up to the first $100, except Express mail which is up to the first $500. Priority Mail has no basic coverage.)
2. Preview Item
Select an example destination or enter a Zip Code to preview.
(Select One)
Destination Zip Code
Preview
3. Create Link
Press Go to generate a link. Paste the link into your HTML code.
Link Type: HTML Link Web Address Only
Link Text: Click here to use iShip.com to view your shipping charges. Go
Link Text: Click here to use
Create Link
Close
Help
Internet

FIG. 29

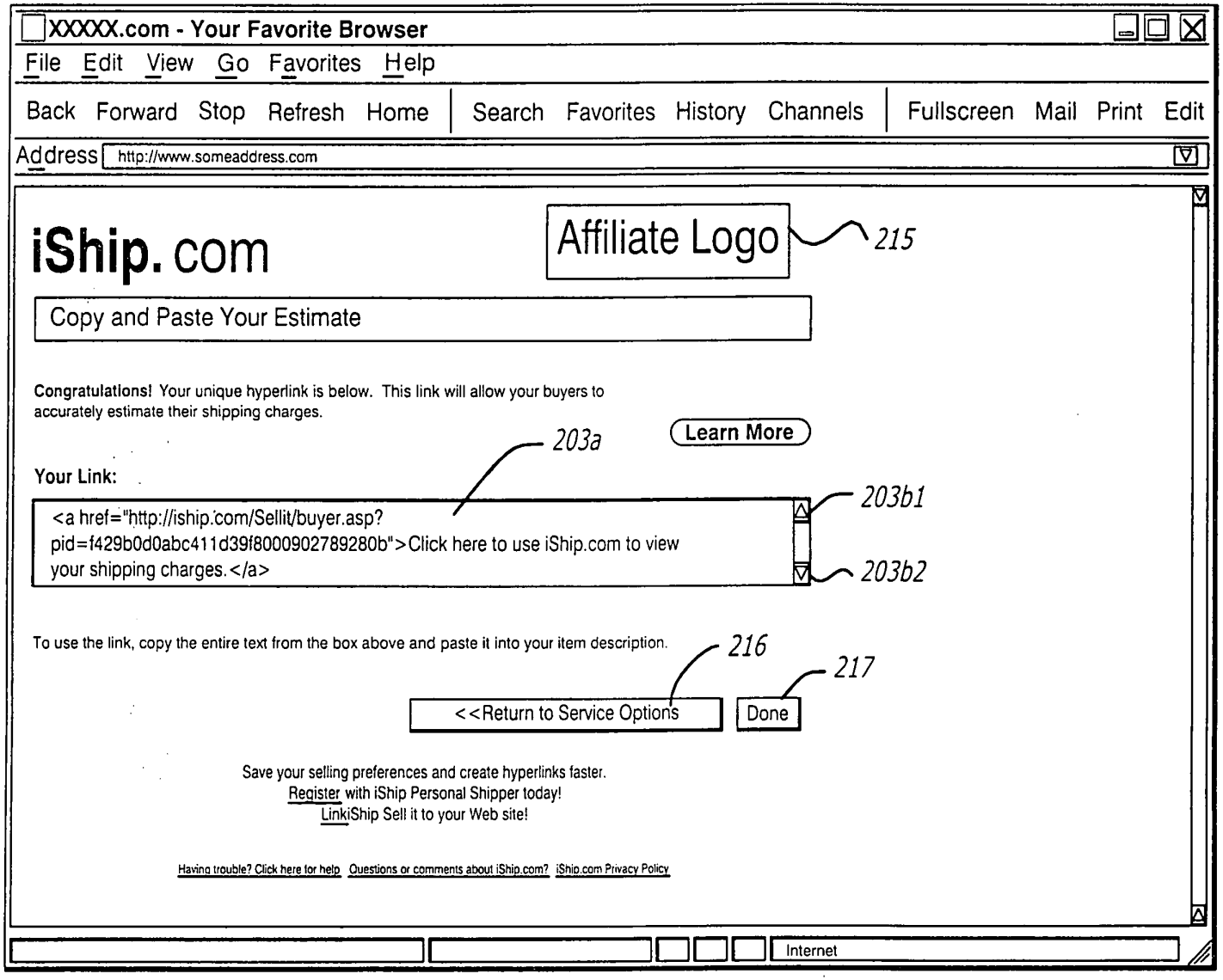

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
iShip.com
Affiliate Logo
215
Copy and Paste Your Estimate
Congratulations! Your unique hyperlink is below. This link will allow your buyers to accurately estimate their shipping charges.
Learn More
203a
Your Link:
Click here to use iShip.com to view your shipping charges.
203b1
203b2
To use the link, copy the entire text from the box above and paste it into your item description.
216
217
<<Return to Service Options
Done
Save your selling preferences and create hyperlinks faster.
Register with iShip Personal Shipper today!
LinkiShip Sell it to your Web site!
Having trouble? Click here for help
Questions or comments about iShip.com?
iShip.com Privacy Policy
Internet

FIG. 30

<a target="_new"

210

href="http://iship.com/commerce/default.asp?K=A6V1XZ

210-1 210-2

&W=10&V=0&H=0">View Tour Shipping Costs!

211 212 213 214

FIG. 31

<a href="http://iship.com/Sellit/buyer.asp?

pid=f429b0d0abc411d39f8000902789280b"

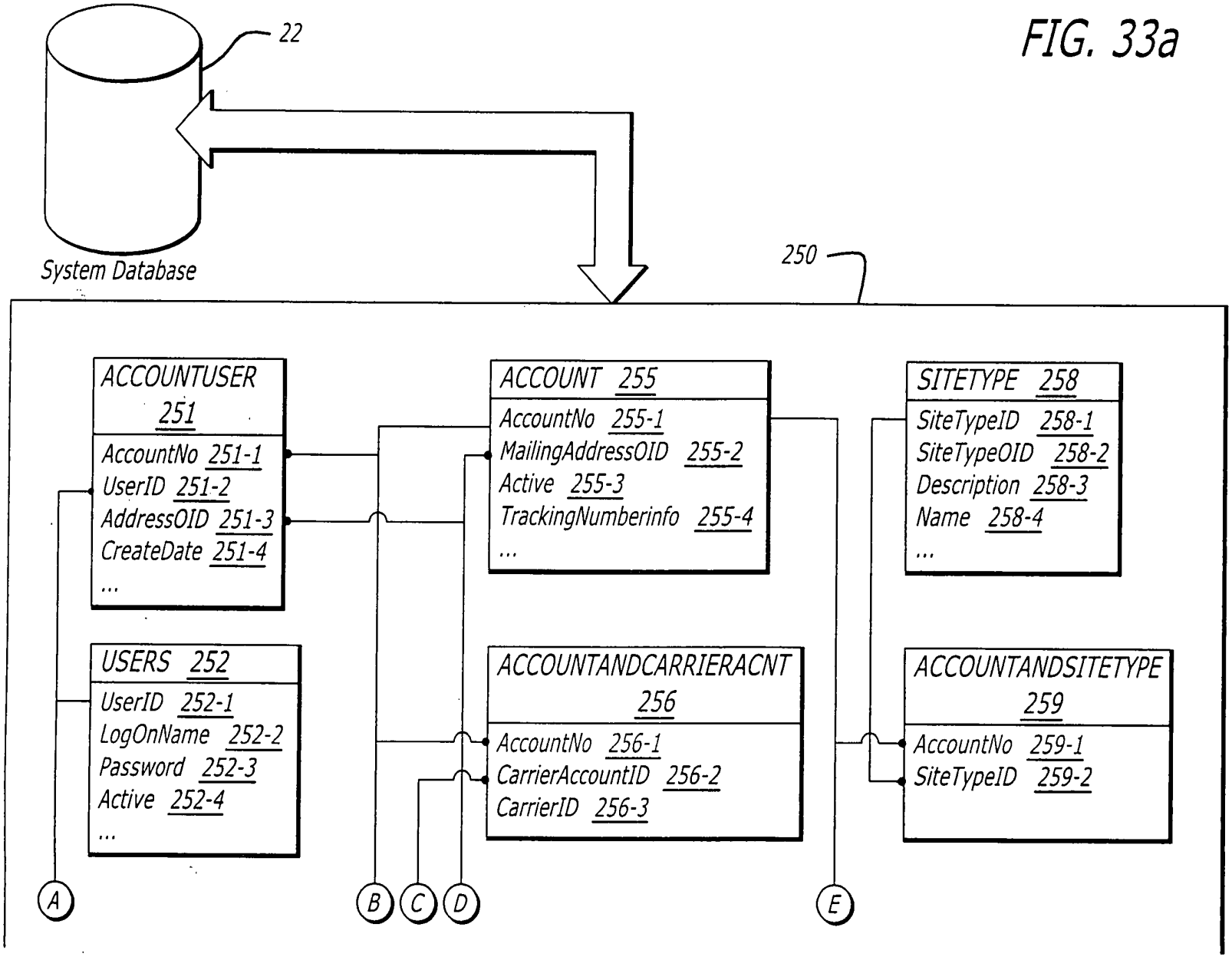
220

>Click here to use iShip.com to view your shipping charges.

214

FIG. 32

FIG. 33a


22
System Database
250
ACCOUNTUSER 251
AccountNo 251-1
UserID 251-2
AddressOID 251-3
CreateDate 251-4
...
ACCOUNT 255
AccountNo 255-1
MailingAddressOID 255-2
Active 255-3
TrackingNumberinfo 255-4
...
SITETYPE 258
SiteTypeID 258-1
SiteTypeOID 258-2
Description 258-3
Name 258-4
...
USERS 252
UserID 252-1
LogOnName 252-2
Password 252-3
Active 252-4
...
ACCOUNTANDCARRIERACNT 256
AccountNo 256-1
CarrierAccountID 256-2
CarrierID 256-3
ACCOUNTANDSITETYPE 259
AccountNo 259-1
SiteTypeID 259-2
A
B
C
D
E

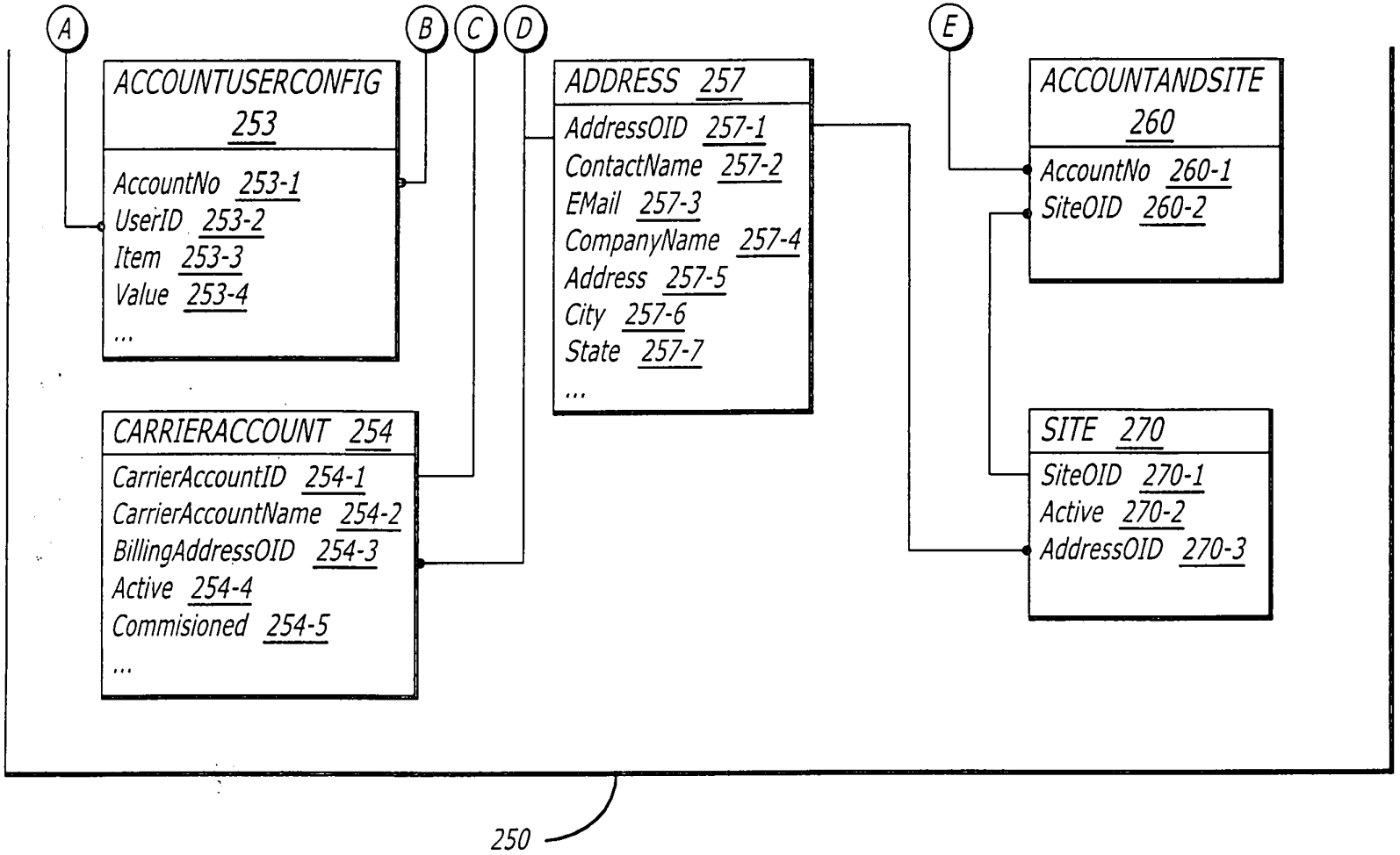

A
B
C
D
E
ACCOUNTUSERCONFIG 253
AccountNo 253-1
UserID 253-2
Item 253-3
Value 253-4
...
CARRIERACCOUNT 254
CarrierAccountID 254-1
CarrierAccountName 254-2
BillingAddressOID 254-3
Active 254-4
Commisioned 254-5
...
ADDRESS 257
AddressOID 257-1
ContactName 257-2
EMail 257-3
CompanyName 257-4
Address 257-5
City 257-6
State 257-7
...
ACCOUNTANDSITE 260
AccountNo 260-1
SiteOID 260-2
SITE 270
SiteOID 270-1
Active 270-2
AddressOID 270-3
250

FIG. 33b

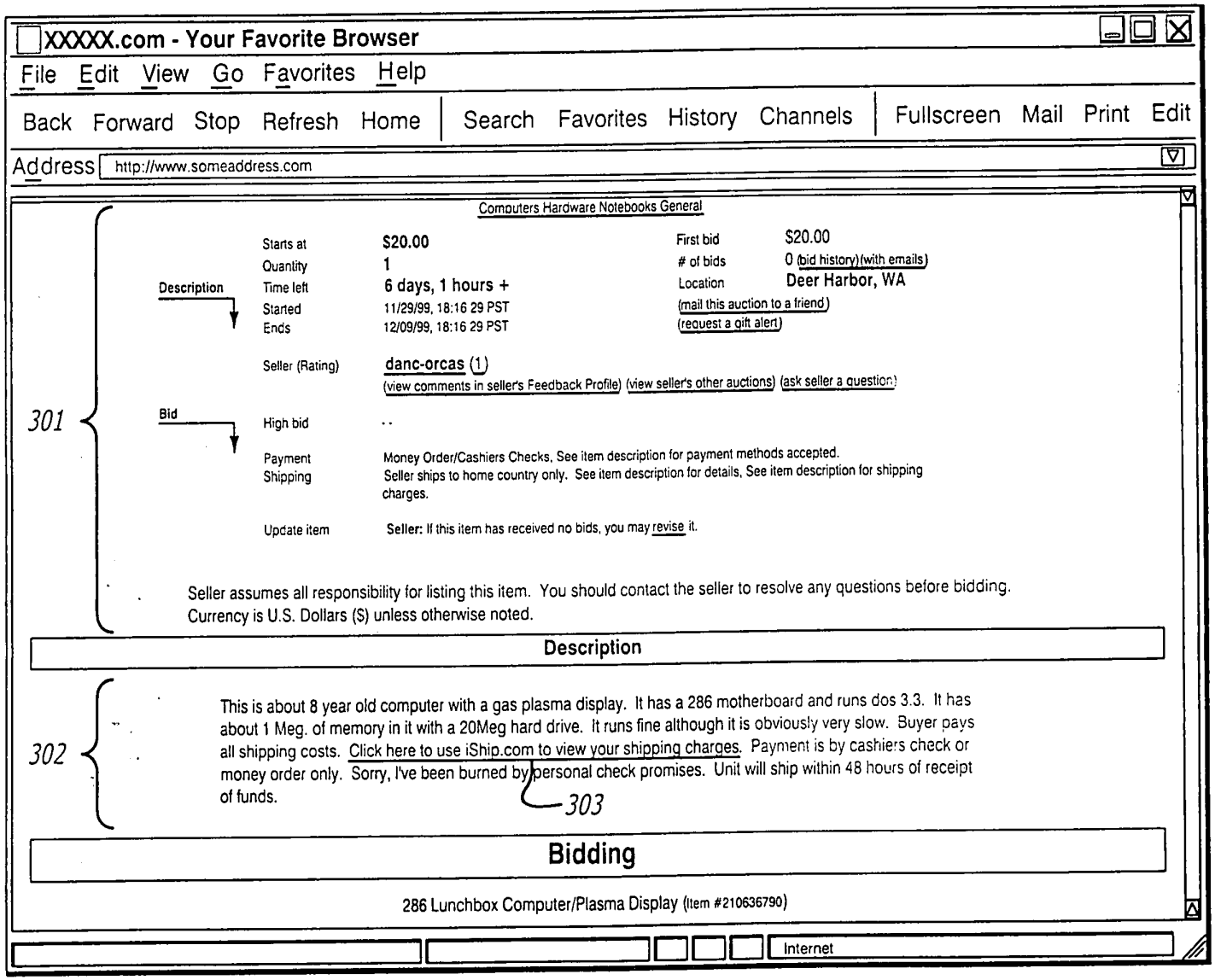

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Computers Hardware Notebooks General
Starts at $20.00
Quantity 1
Time left 6 days, 1 hours +
Started 11/29/99, 18:16 29 PST
Ends 12/09/99, 18:16 29 PST
First bid $20.00
# of bids 0 (bid history)(with emails)
Location Deer Harbor, WA
(mail this auction to a friend)
(request a gift alert)
Description
Seller (Rating) danc-orcas (1)
(view comments in seller's Feedback Profile) (view seller's other auctions) (ask seller a question)
301
Bid
High bid --
Payment Money Order/Cashiers Checks, See item description for payment methods accepted.
Shipping Seller ships to home country only. See item description for details, See item description for shipping charges.
Update item Seller: If this item has received no bids, you may revise it.
Seller assumes all responsibility for listing this item. You should contact the seller to resolve any questions before bidding.
Currency is U.S. Dollars ($) unless otherwise noted.
Description
302
This is about 8 year old computer with a gas plasma display. It has a 286 motherboard and runs dos 3.3. It has about 1 Meg. of memory in it with a 20Meg hard drive. It runs fine although it is obviously very slow. Buyer pays all shipping costs. Click here to use iShip.com to view your shipping charges. Payment is by cashiers check or money order only. Sorry, I've been burned by personal check promises. Unit will ship within 48 hours of receipt of funds.
303
Bidding
286 Lunchbox Computer/Plasma Display (Item #210636790)
Internet

FIG. 34

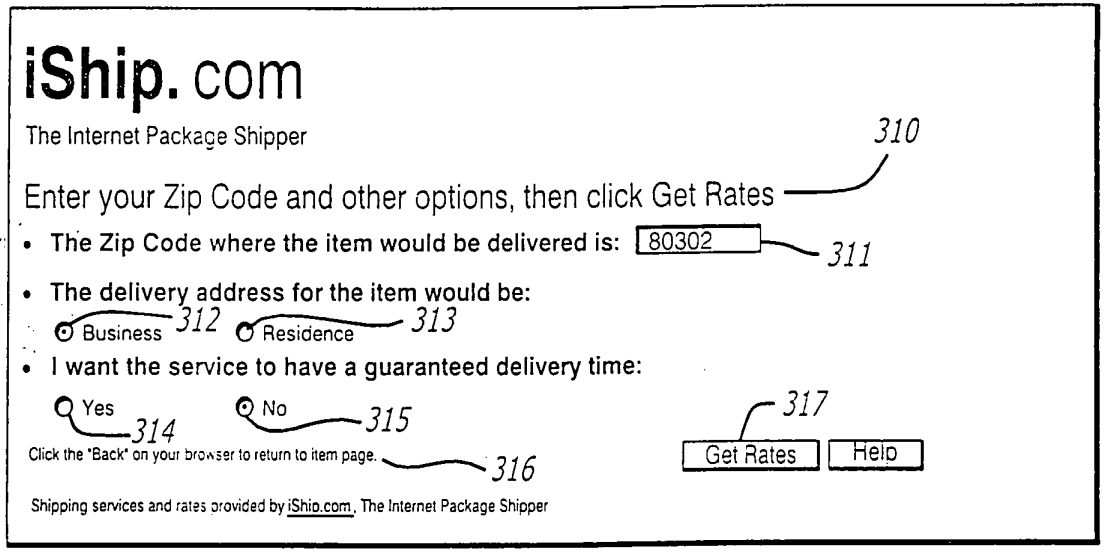

iShip.com
The Internet Package Shipper
310
Enter your Zip Code and other options, then click Get Rates
• The Zip Code where the item would be delivered is: 80302
311
• The delivery address for the item would be:
Business
312
Residence
313
• I want the service to have a guaranteed delivery time:
Yes
314
No
315
317
Get Rates
Help
Click the "Back" on your browser to return to item page.
316
Shipping services and rates provided by iShip.com, The Internet Package Shipper

FIG. 35

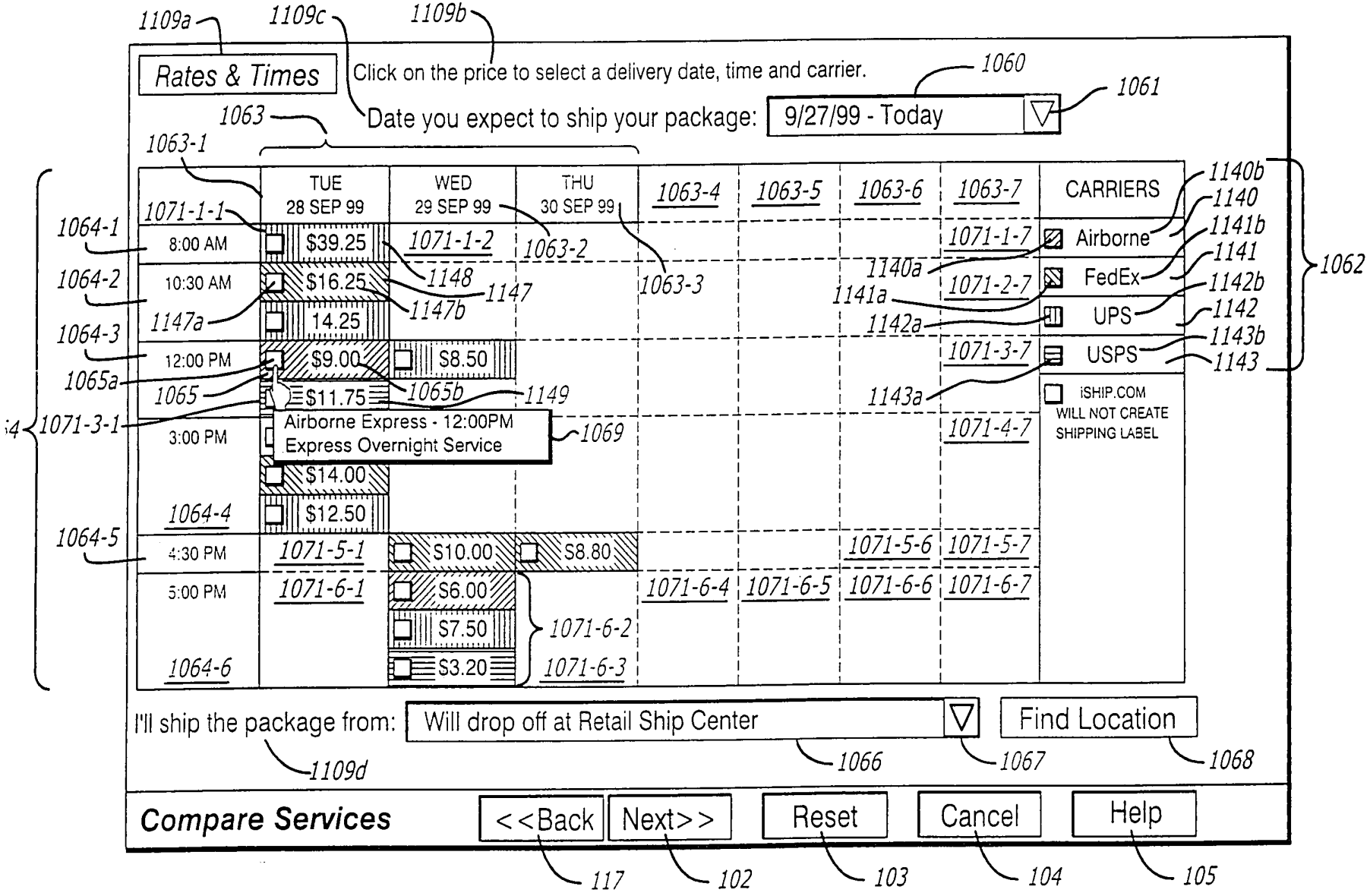

Rates & Times
Click on the price to select a delivery date, time and carrier.
Date you expect to ship your package:
9/27/99 - Today
TUE 28 SEP 99
WED 29 SEP 99
THU 30 SEP 99
CARRIERS
8:00 AM
10:30 AM
12:00 PM
3:00 PM
4:30 PM
5:00 PM
$39.25
$16.25
14.25
$9.00
$8.50
$11.75
$14.00
$12.50
$10.00
$8.80
$6.00
$7.50
$3.20
Airborne
FedEx
UPS
USPS
iSHIP.COM WILL NOT CREATE SHIPPING LABEL
Airborne Express - 12:00PM Express Overnight Service
I'll ship the package from:
Will drop off at Retail Ship Center
Find Location
Compare Services
<<Back
Next>>
Reset
Cancel
Help
1109a
1109c
1109b
1060
1061
1063
1063-1
1062
1140b
1140
1141b
1141
1142b
1142
1143b
1143
1064-1
1064-2
1064-3
1064-4
1064-5
1064-6
1065a
1065
1065b
1071-3-1
1069
1071-1-1
1071-1-2
1071-1-7
1071-2-7
1071-3-7
1071-4-7
1071-5-1
1071-5-6
1071-5-7
1071-6-1
1071-6-2
1071-6-3
1071-6-4
1071-6-5
1071-6-7
1063-2
1063-3
1063-4
1063-5
1063-6
1063-7
1148
1147
1147a
1147b
1149
1140a
1141a
1142a
1143a
1109d
1066
1067
1068
117
102
103
104
105

FIG. 36a

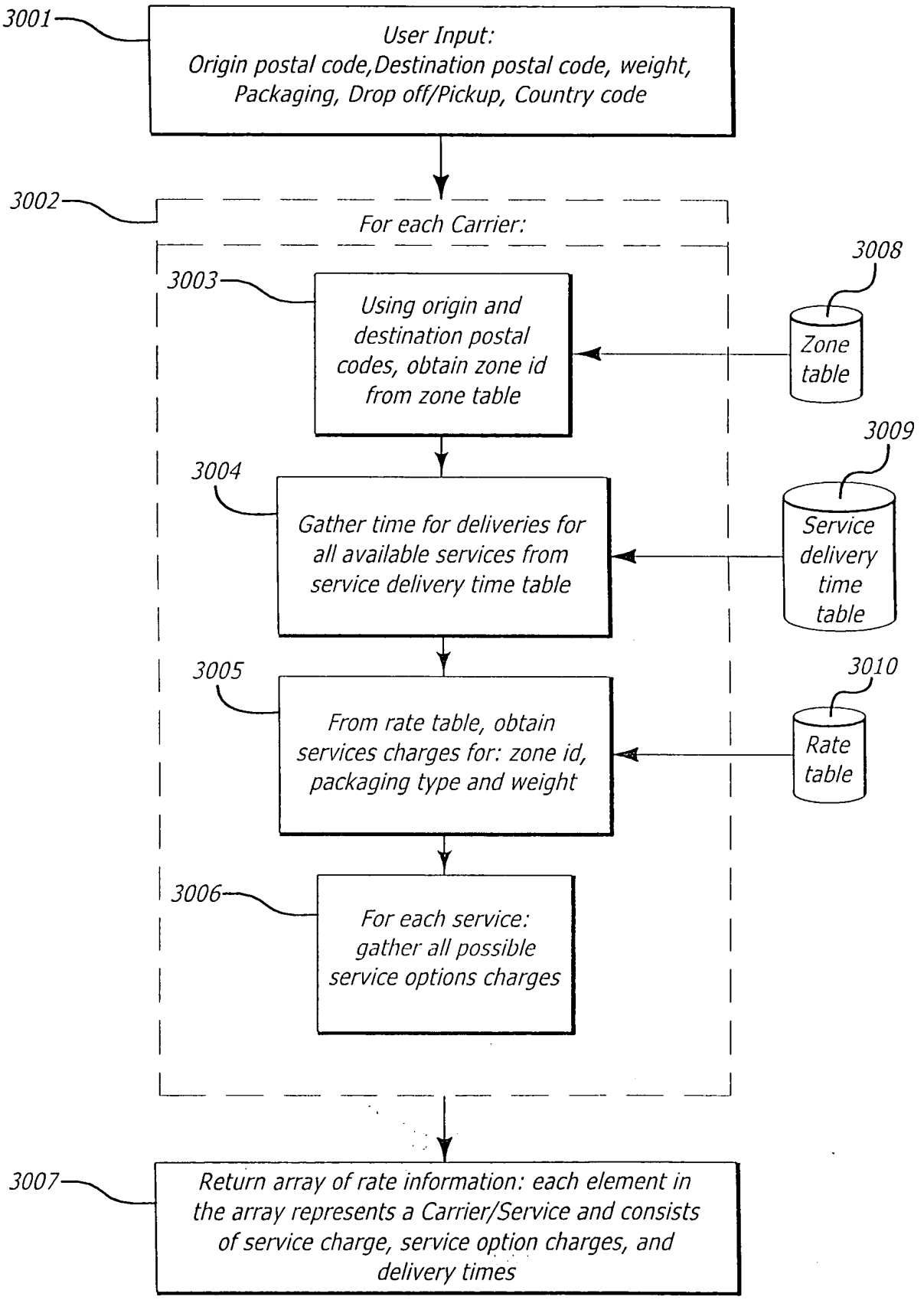

3001
User Input:
Origin postal code,Destination postal code, weight,
Packaging, Drop off/Pickup, Country code
3002
For each Carrier:
3003
Using origin and destination postal codes, obtain zone id from zone table
3008
Zone table
3004
Gather time for deliveries for all available services from service delivery time table
3009
Service delivery time table
3005
From rate table, obtain services charges for: zone id, packaging type and weight
3010
Rate table
3006
For each service: gather all possible service options charges
3007
Return array of rate information: each element in the array represents a Carrier/Service and consists of service charge, service option charges, and delivery times

FIG. 36b

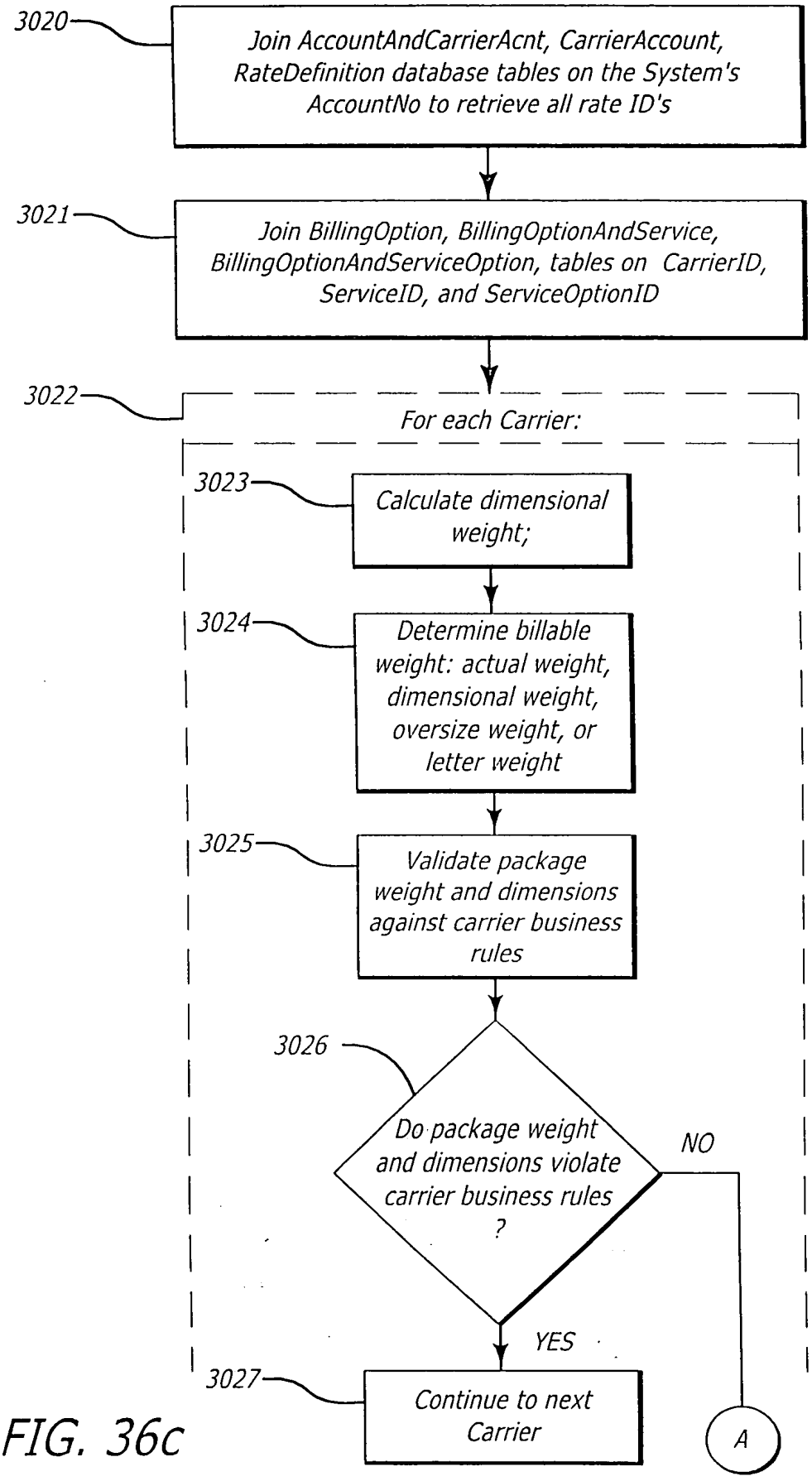

3020
Join AccountAndCarrierAcnt, CarrierAccount, RateDefinition database tables on the System's AccountNo to retrieve all rate ID's
3021
Join BillingOption, BillingOptionAndService, BillingOptionAndServiceOption, tables on CarrierID, ServiceID, and ServiceOptionID
3022
For each Carrier:
3023
Calculate dimensional weight;
3024
Determine billable weight: actual weight, dimensional weight, oversize weight, or letter weight
3025
Validate package weight and dimensions against carrier business rules
3026
Do package weight and dimensions violate carrier business rules ?
NO
YES
3027
Continue to next Carrier
A

FIG. 36c

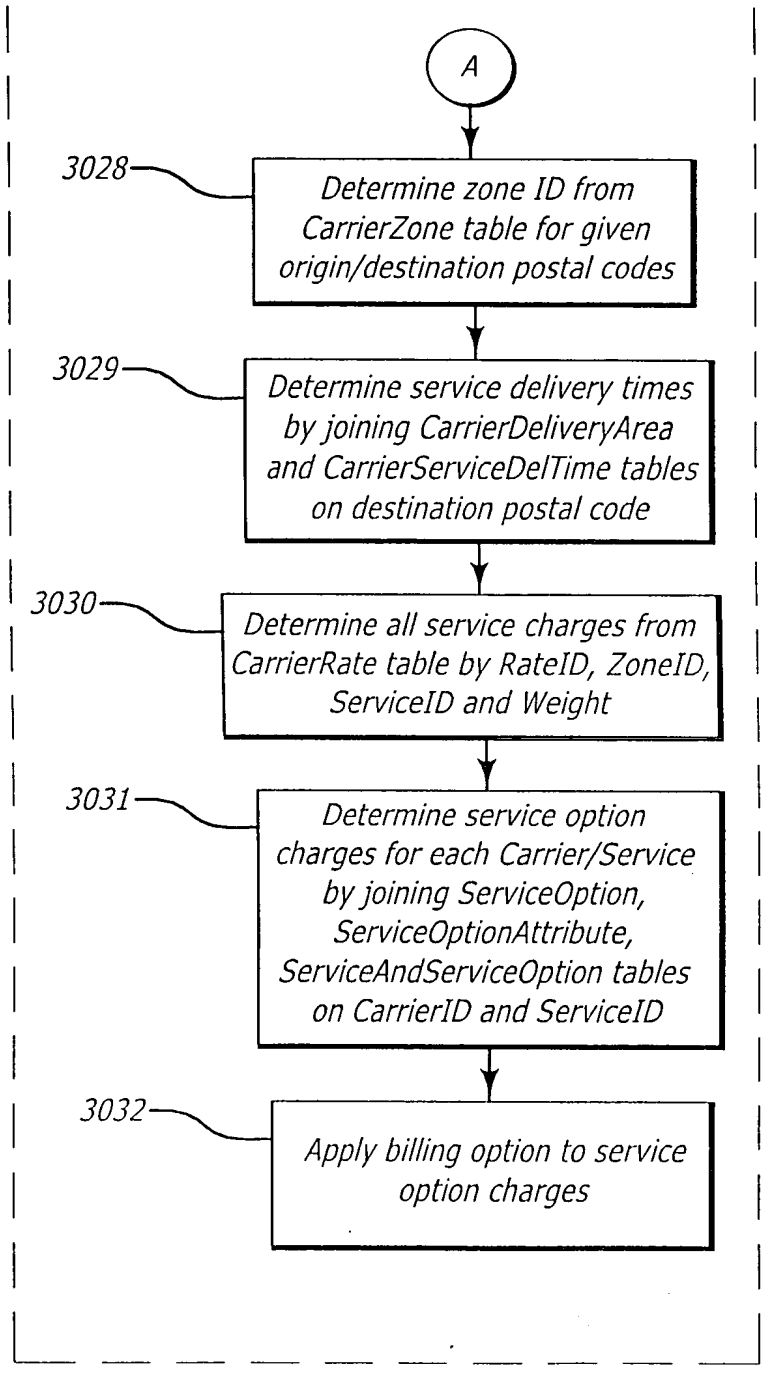

A
3028
Determine zone ID from CarrierZone table for given origin/destination postal codes
3029
Determine service delivery times by joining CarrierDeliveryArea and CarrierServiceDelTime tables on destination postal code
3030
Determine all service charges from CarrierRate table by RateID, ZoneID, ServiceID and Weight
3031
Determine service option charges for each Carrier/Service by joining ServiceOption, ServiceOptionAttribute, ServiceAndServiceOption tables on CarrierID and ServiceID
3032
Apply billing option to service option charges

FIG. 36d

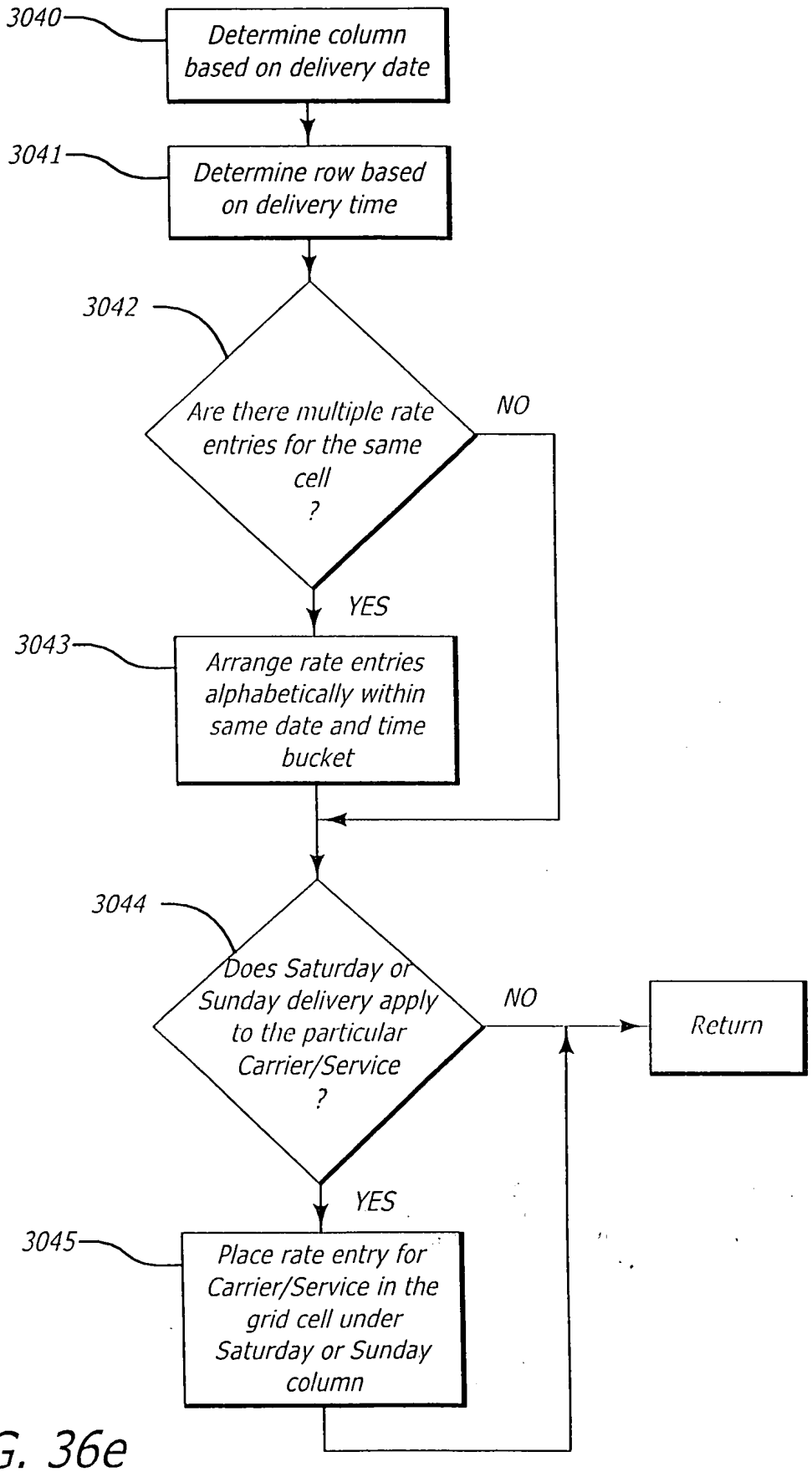

3040
Determine column based on delivery date
3041
Determine row based on delivery time
3042
Are there multiple rate entries for the same cell ?
NO
YES
3043
Arrange rate entries alphabetically within same date and time bucket
3044
Does Saturday or Sunday delivery apply to the particular Carrier/Service ?
NO
Return
YES
3045
Place rate entry for Carrier/Service in the grid cell under Saturday or Sunday column

FIG. 36e

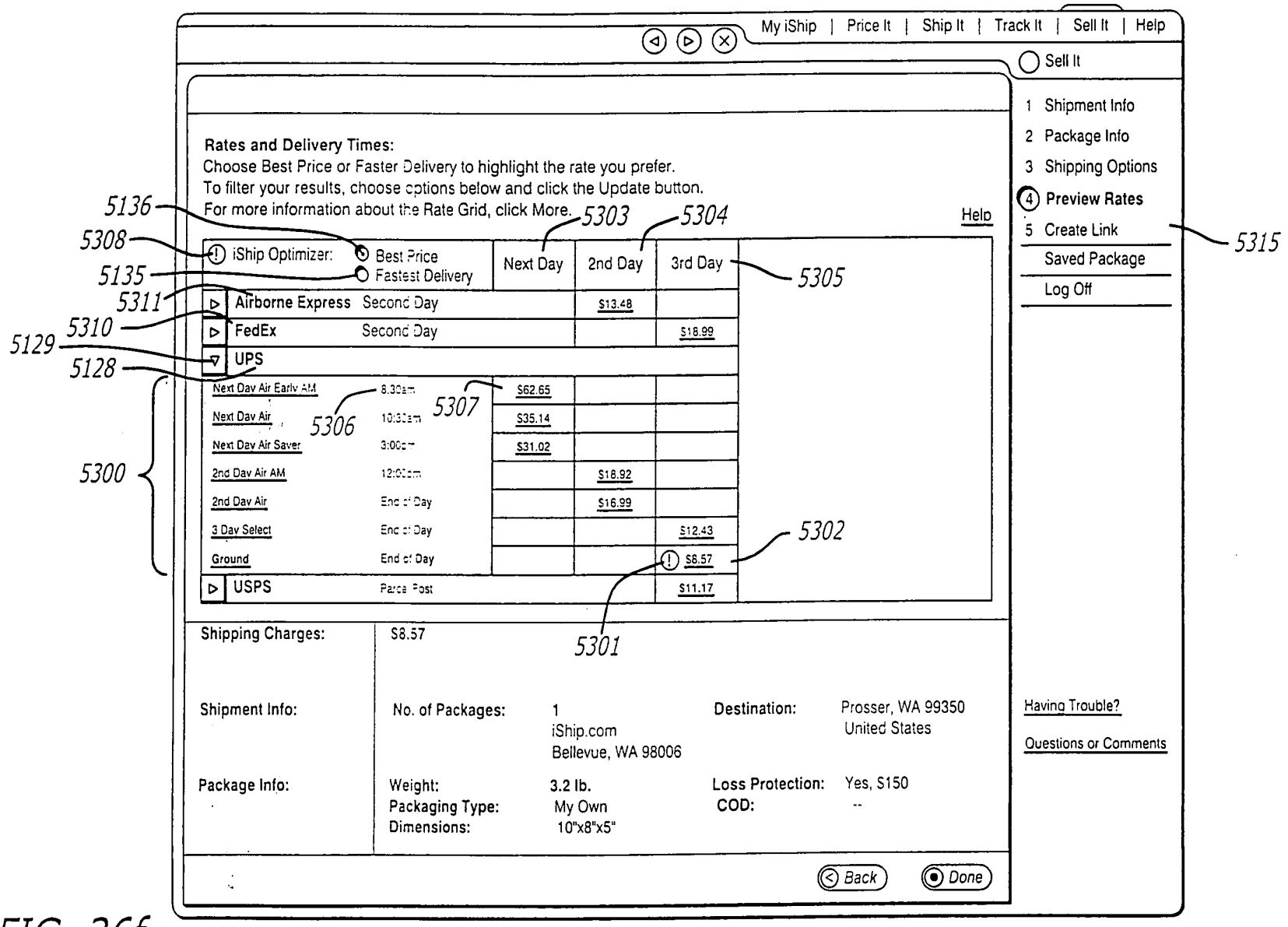

My iShip | Price It | Ship It | Track It | Sell It | Help
Sell It
1 Shipment Info
2 Package Info
3 Shipping Options
4 Preview Rates
5 Create Link
Saved Package
Log Off
Rates and Delivery Times:
Choose Best Price or Faster Delivery to highlight the rate you prefer.
To filter your results, choose options below and click the Update button.
For more information about the Rate Grid, click More.
Help
iShip Optimizer:
Best Price
Fastest Delivery
Next Day
2nd Day
3rd Day
Airborne Express Second Day $13.48
FedEx Second Day $18.99
UPS
Next Day Air Early AM 8:30am $62.65
Next Day Air 10:30am $35.14
Next Day Air Saver 3:00pm $31.02
2nd Day Air AM 12:00pm $18.92
2nd Day Air End of Day $16.99
3 Day Select End of Day $12.43
Ground End of Day $8.57
USPS Parcel Post $11.17
5136
5308
5135
5311
5310
5129
5128
5300
5303
5304
5305
5315
5306
5307
5302
5301
Shipping Charges: $8.57
Shipment Info:
No. of Packages: 1
iShip.com
Bellevue, WA 98006
Destination: Prosser, WA 99350
United States
Package Info:
Weight: 3.2 lb.
Packaging Type: My Own
Dimensions: 10"x8"x5"
Loss Protection: Yes, $150
COD: --
Having Trouble?
Questions or Comments
Back
Done

FIG. 36f

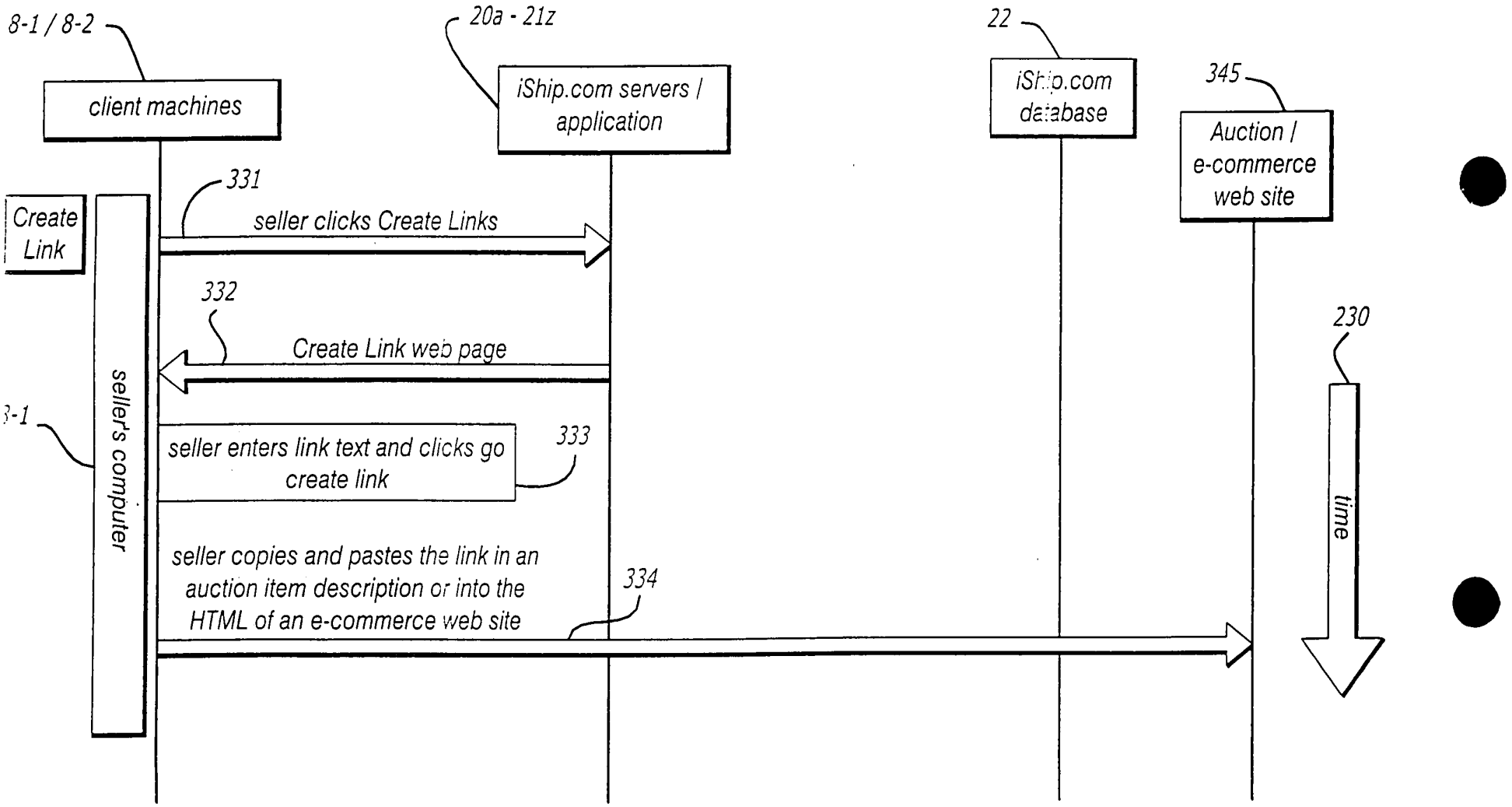

8-1 / 8-2
client machines
20a - 21z
iShip.com servers / application
22
iShip.com database
345
Auction / e-commerce web site
Create Link
seller's computer
331
seller clicks Create Links
332
Create Link web page
seller enters link text and clicks go create link
333
seller copies and pastes the link in an auction item description or into the HTML of an e-commerce web site
334
230
time

FIG. 37a

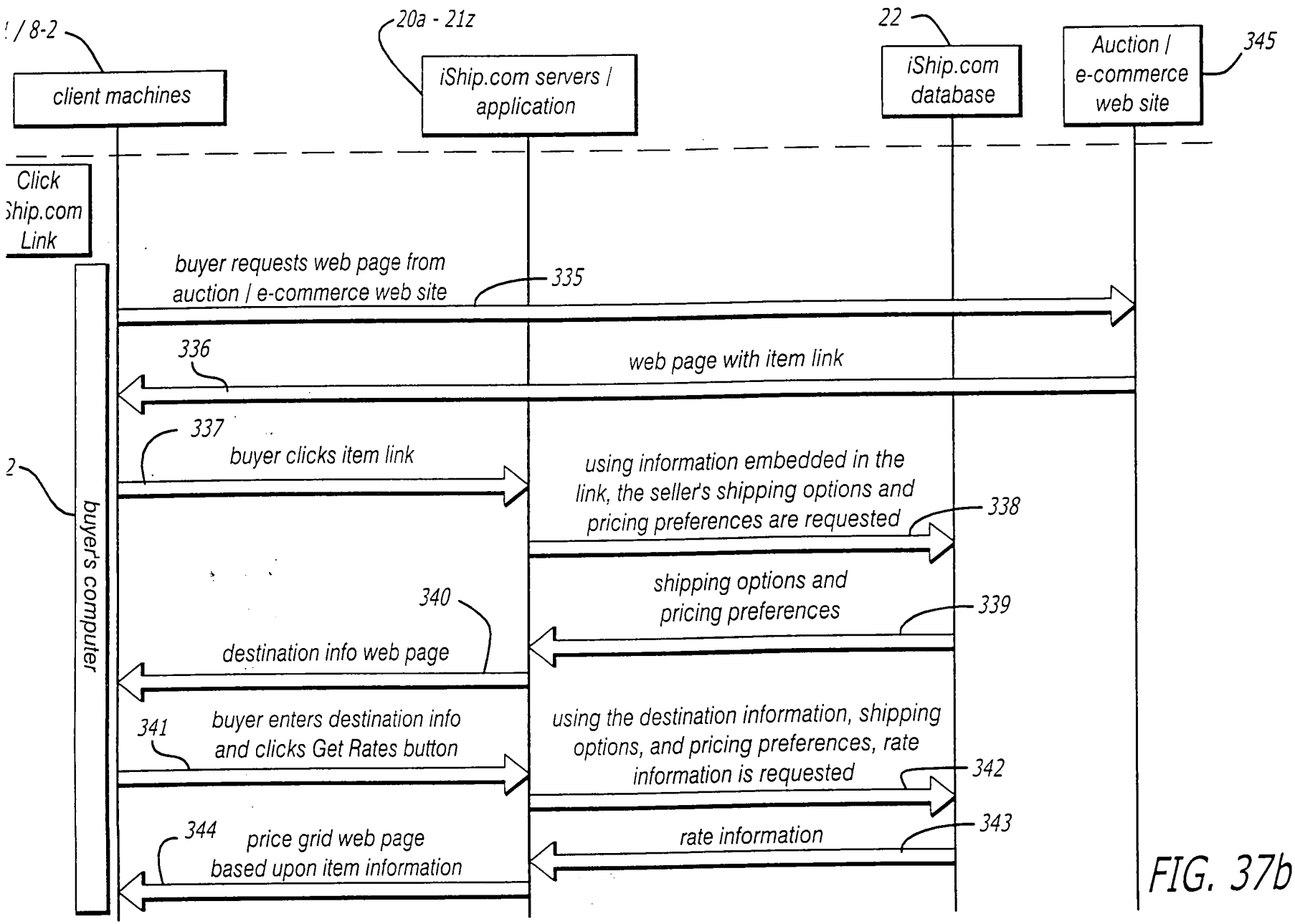

/ 8-2
client machines
20a - 21z
iShip.com servers / application
22
iShip.com database
Auction / e-commerce web site
345
Click Ship.com Link
buyer's computer
buyer requests web page from auction / e-commerce web site
335
336
web page with item link
337
buyer clicks item link
using information embedded in the link, the seller's shipping options and pricing preferences are requested
338
shipping options and pricing preferences
339
340
destination info web page
341
buyer enters destination info and clicks Get Rates button
using the destination information, shipping options, and pricing preferences, rate information is requested
342
343
rate information
344
price grid web page based upon item information

FIG. 37b

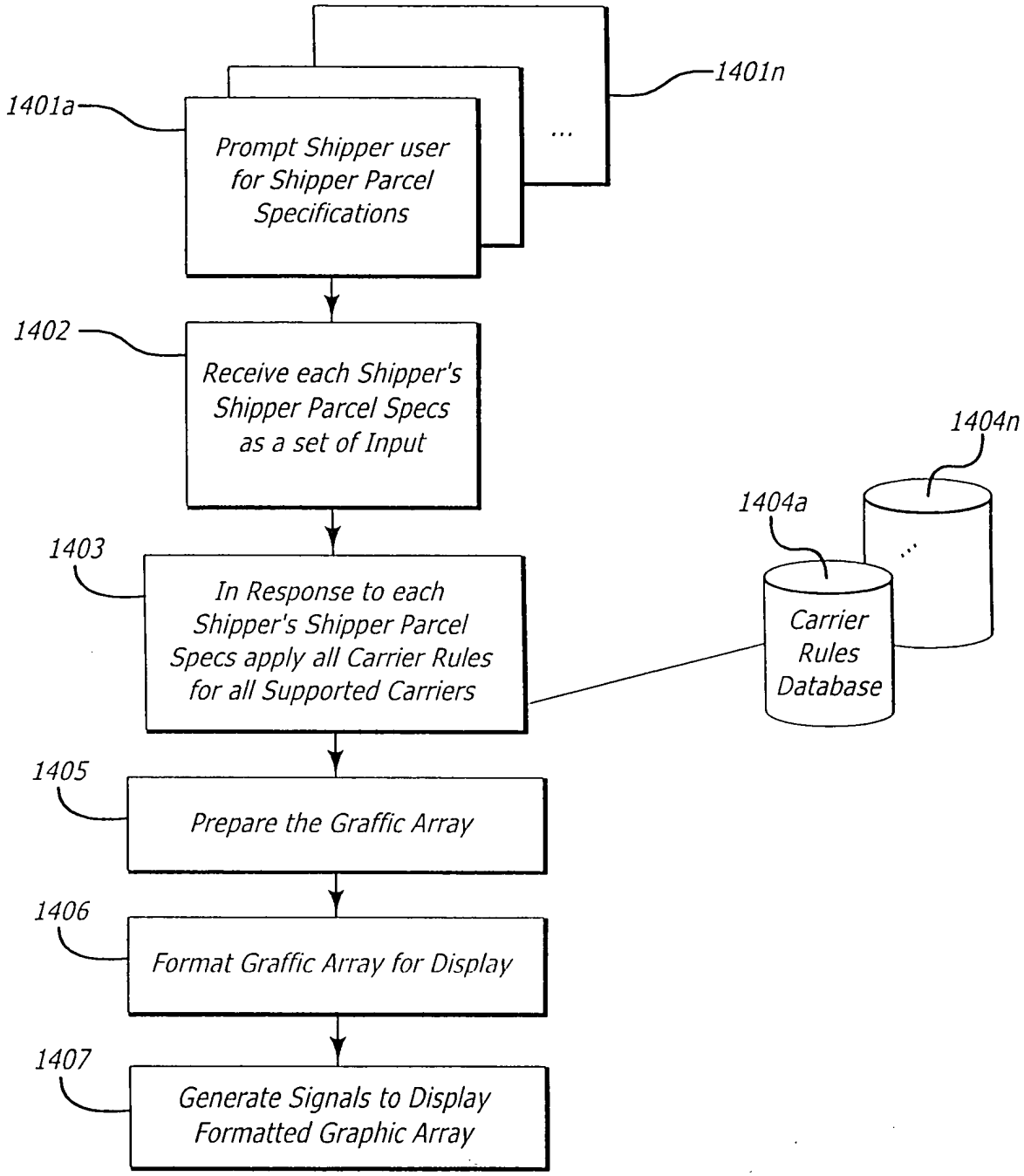

1401a
1401n
Prompt Shipper user for Shipper Parcel Specifications
1402
Receive each Shipper's Shipper Parcel Specs as a set of Input
1403
In Response to each Shipper's Shipper Parcel Specs apply all Carrier Rules for all Supported Carriers
1404a
1404n
Carrier Rules Database
1405
Prepare the Graffic Array
1406
Format Graffic Array for Display
1407
Generate Signals to Display Formatted Graphic Array

FIG. 38

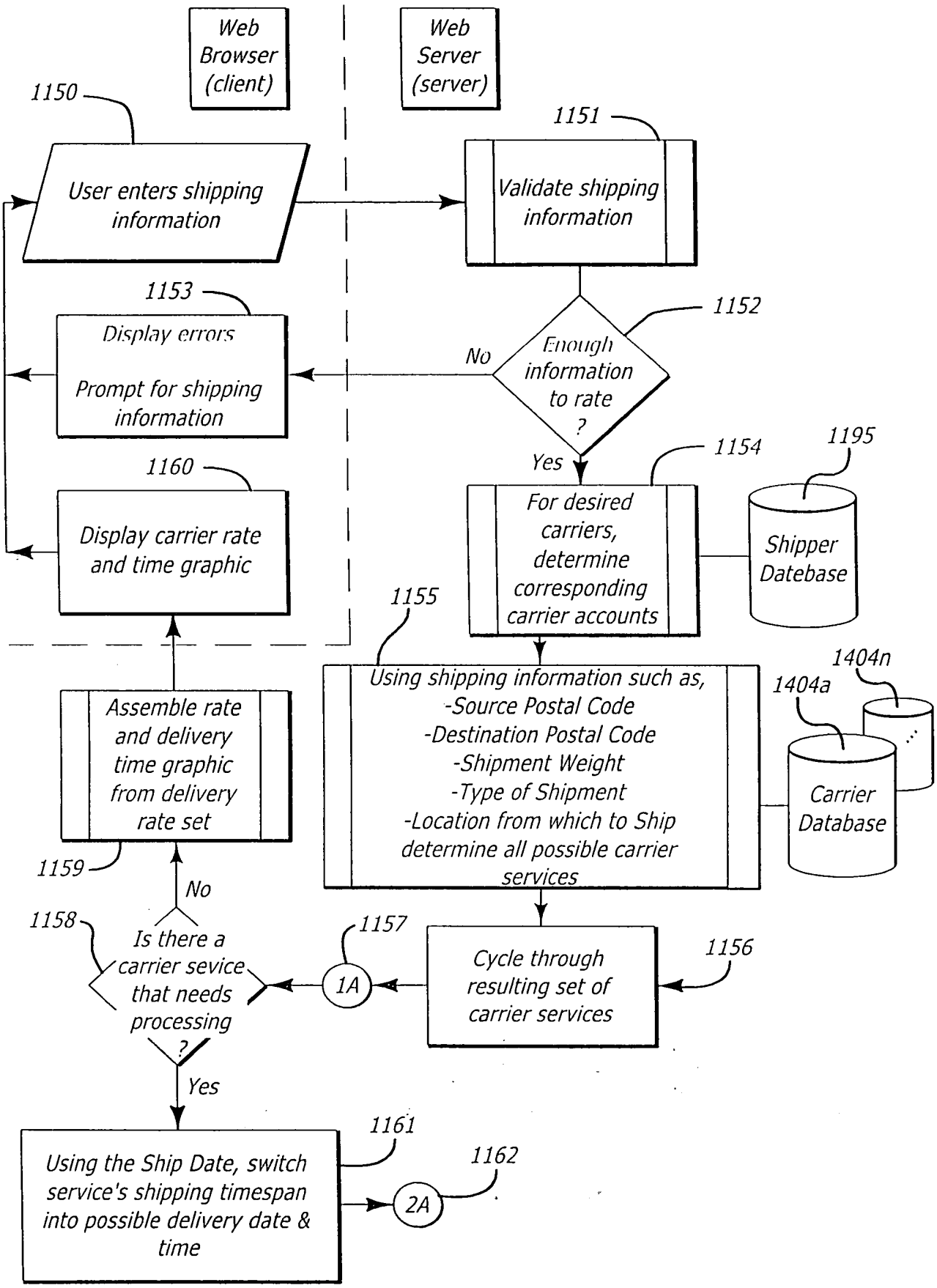

Web Browser (client)
Web Server (server)
1150
User enters shipping information
1151
Validate shipping information
1153
Display errors
Prompt for shipping information
No
1152
Enough information to rate ?
Yes
1154
For desired carriers, determine corresponding carrier accounts
1195
Shipper Datebase
1160
Display carrier rate and time graphic
1155
Using shipping information such as,
-Source Postal Code
-Destination Postal Code
-Shipment Weight
-Type of Shipment
-Location from which to Ship
determine all possible carrier services
1404n
1404a
Carrier Database
Assemble rate and delivery time graphic from delivery rate set
1159
No
1158
Is there a carrier sevice that needs processing ?
1157
1A
Cycle through resulting set of carrier services
1156
Yes
1161
Using the Ship Date, switch service's shipping timespan into possible delivery date & time
1162
2A

FIG. 20

FIG. 39b

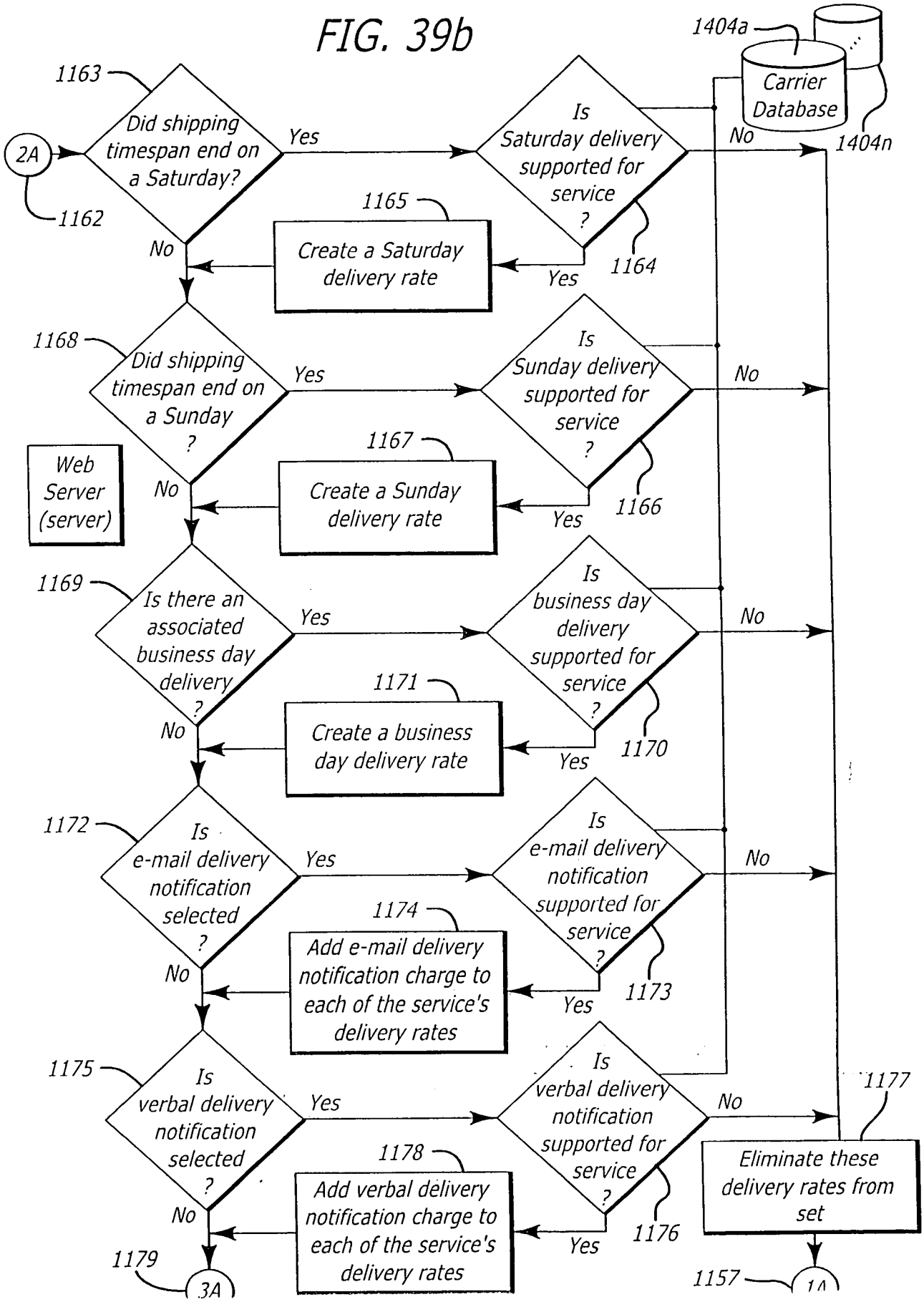
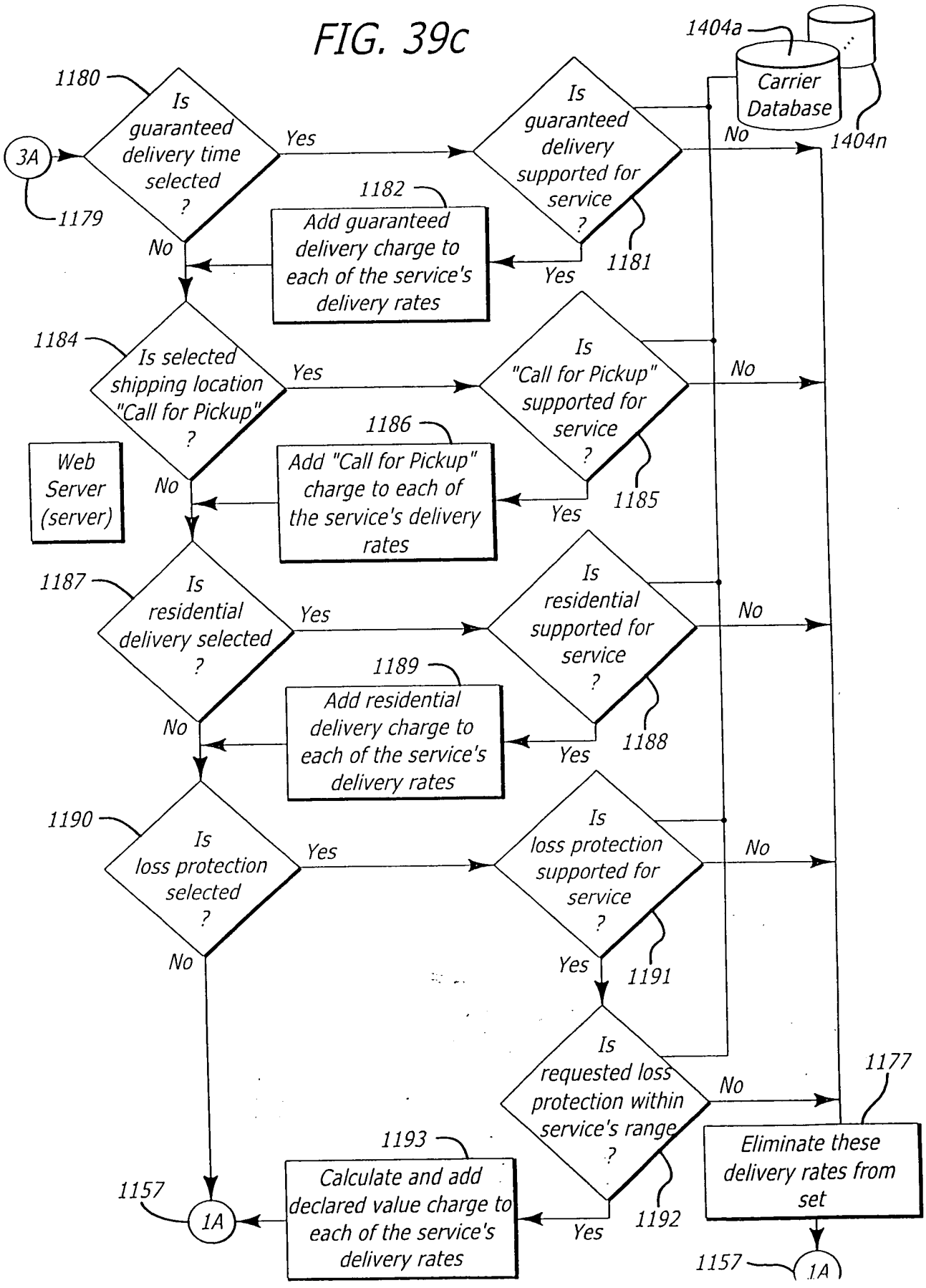

1404a
Carrier Database
1404n
1163
Did shipping timespan end on a Saturday?
Yes
No
2A
1162
Is Saturday delivery supported for service ?
1164
1165
Create a Saturday delivery rate
1168
Did shipping timespan end on a Sunday ?
Is Sunday delivery supported for service ?
1166
1167
Create a Sunday delivery rate
Web Server (server)
1169
Is there an associated business day delivery ?
Is business day delivery supported for service ?
1170
1171
Create a business day delivery rate
1172
Is e-mail delivery notification selected ?
Is e-mail delivery notification supported for service ?
1173
1174
Add e-mail delivery notification charge to each of the service's delivery rates
1175
Is verbal delivery notification selected ?
Is verbal delivery notification supported for service ?
1176
1177
Eliminate these delivery rates from set
1178
Add verbal delivery notification charge to each of the service's delivery rates
1179
3A
1157
1A

FIG. 39c


1404a
Carrier Database
1404n
1180
Is guaranteed delivery time selected ?
3A
1179
Yes
No
Is guaranteed delivery supported for service ?
No
Yes
1181
1182
Add guaranteed delivery charge to each of the service's delivery rates
1184
Is selected shipping location "Call for Pickup" ?
Yes
No
Is "Call for Pickup" supported for service ?
No
Yes
1185
1186
Add "Call for Pickup" charge to each of the service's delivery rates
Web Server (server)
1187
Is residential delivery selected ?
Yes
No
Is residential supported for service ?
No
Yes
1188
1189
Add residential delivery charge to each of the service's delivery rates
1190
Is loss protection selected ?
Yes
No
Is loss protection supported for service ?
No
Yes
1191
Is requested loss protection within service's range ?
No
Yes
1192
1177
Eliminate these delivery rates from set
1157
1A
1193
Calculate and add declared value charge to each of the service's delivery rates
1157
1A

Subject to Protective Order

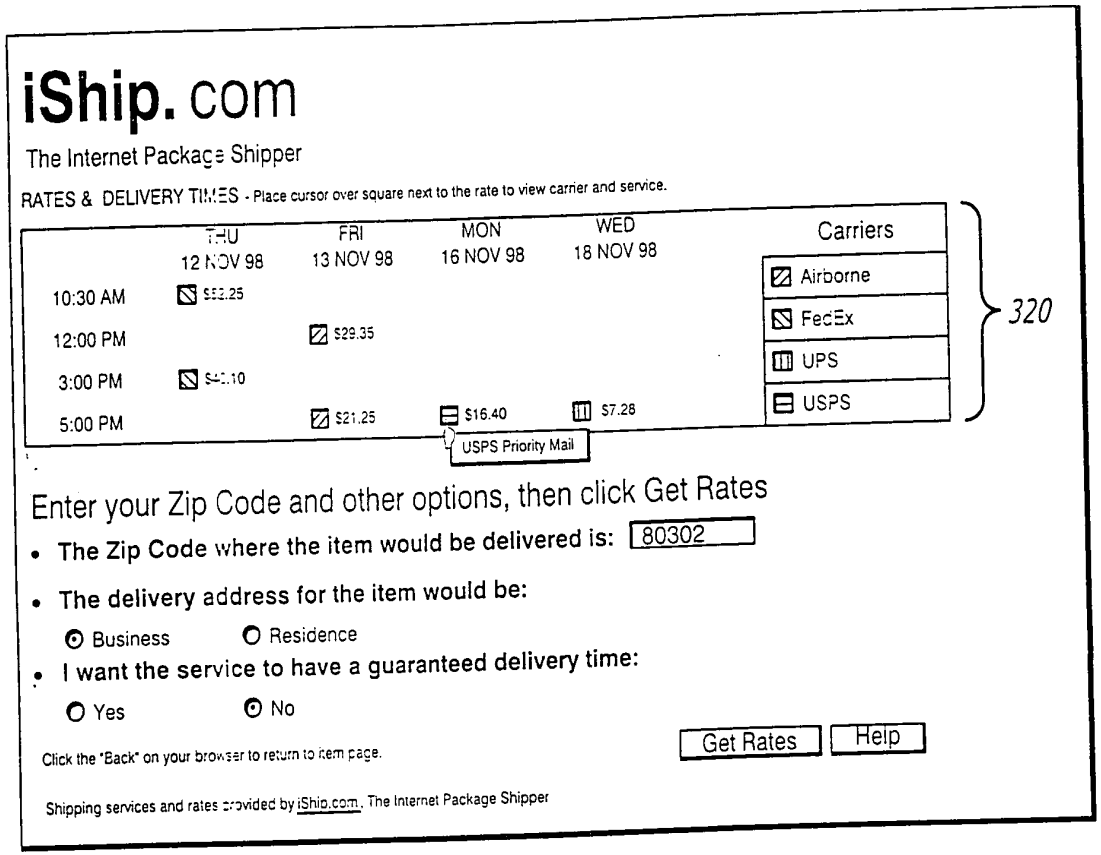


FIG. 40

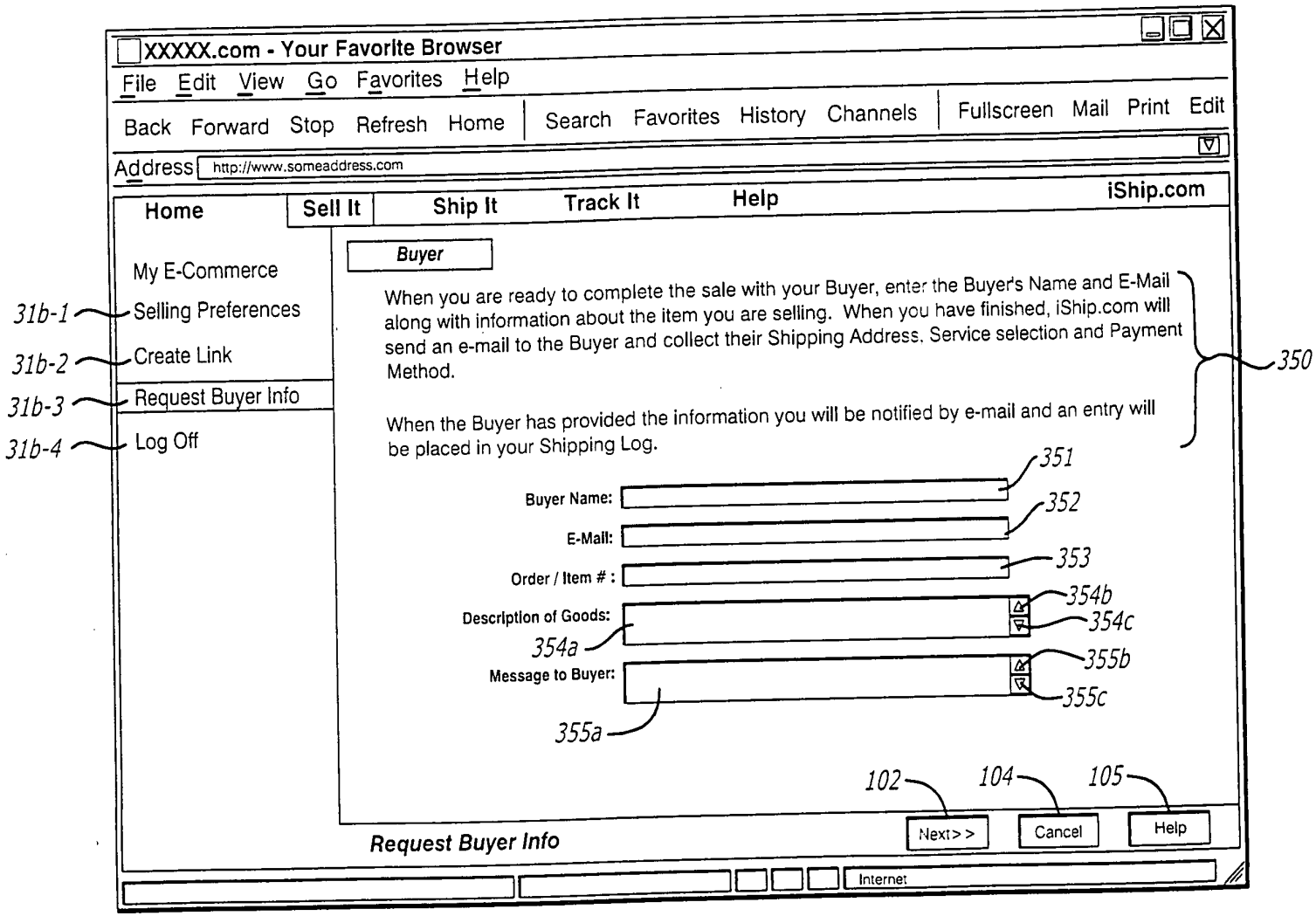

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home
Search Favorites History Channels
Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home
Sell It
Ship It
Track It
Help
iShip.com
My E-Commerce
Selling Preferences
Create Link
Request Buyer Info
Log Off
Buyer
When you are ready to complete the sale with your Buyer, enter the Buyer's Name and E-Mail along with information about the item you are selling. When you have finished, iShip.com will send an e-mail to the Buyer and collect their Shipping Address, Service selection and Payment Method.
When the Buyer has provided the information you will be notified by e-mail and an entry will be placed in your Shipping Log.
Buyer Name:
E-Mail:
Order / Item # :
Description of Goods:
Message to Buyer:
Request Buyer Info
Next>>
Cancel
Help
Internet
31b-1
31b-2
31b-3
31b-4
350
351
352
353
354a
354b
354c
355a
355b
355c
102
104
105

FIG. 41

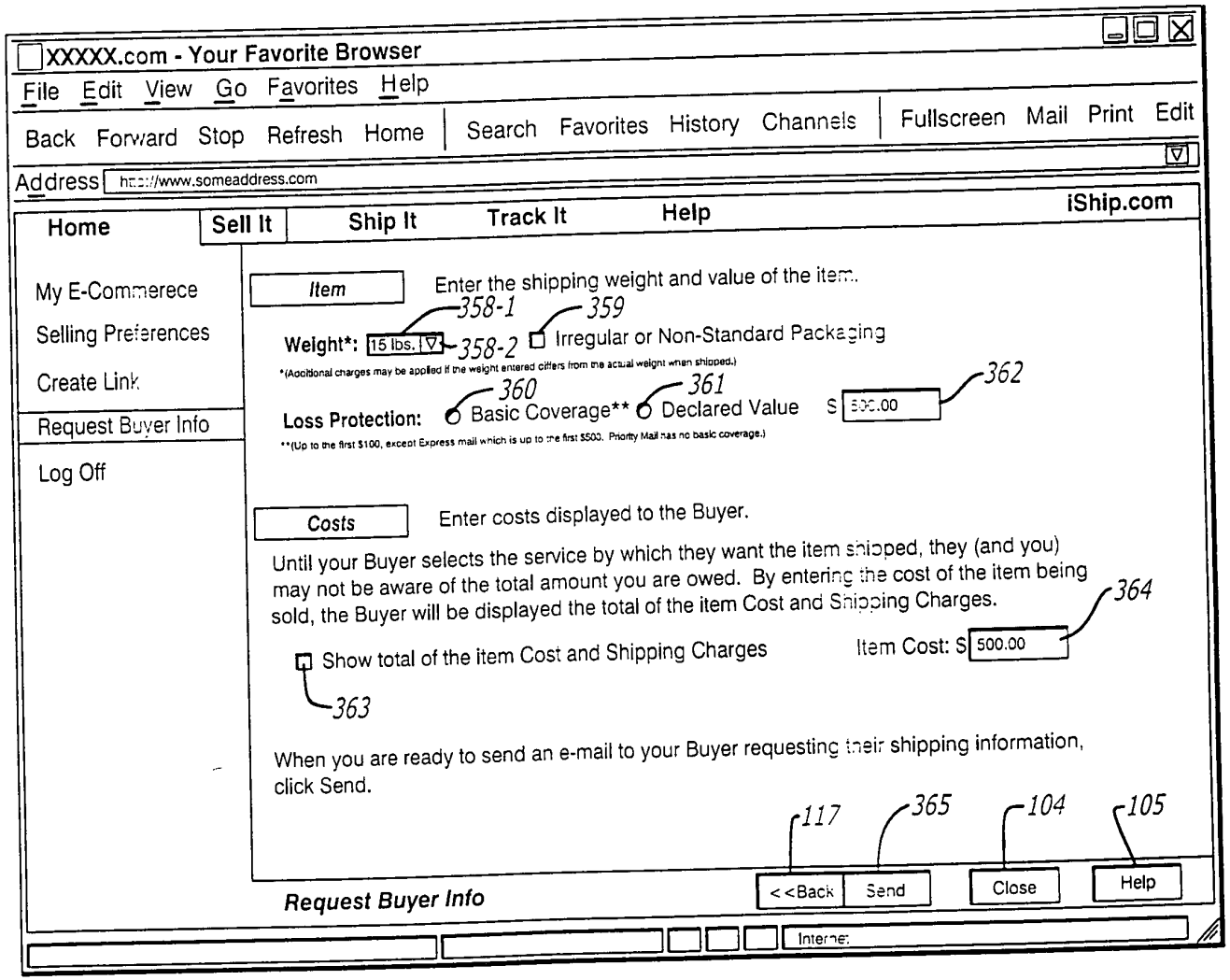

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home | Search Favorites History Channels | Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home
Sell It
Ship It
Track It
Help
iShip.com
My E-Commerece
Selling Preferences
Create Link
Request Buyer Info
Log Off
Item
Enter the shipping weight and value of the item.
358-1
359
Weight*: 15 lbs.
358-2
Irregular or Non-Standard Packaging
*(Additional charges may be applied if the weight entered differs from the actual weight when shipped.)
360
361
362
Loss Protection:
Basic Coverage**
Declared Value
$ 500.00
**(Up to the first $100, except Express mail which is up to the first $500. Priority Mail has no basic coverage.)
Costs
Enter costs displayed to the Buyer.
Until your Buyer selects the service by which they want the item shipped, they (and you) may not be aware of the total amount you are owed. By entering the cost of the item being sold, the Buyer will be displayed the total of the item Cost and Shipping Charges.
364
Show total of the item Cost and Shipping Charges
Item Cost: $ 500.00
363
When you are ready to send an e-mail to your Buyer requesting their shipping information, click Send.
117
365
104
105
Request Buyer Info
<<Back
Send
Close
Help
Internet

FIG. 42

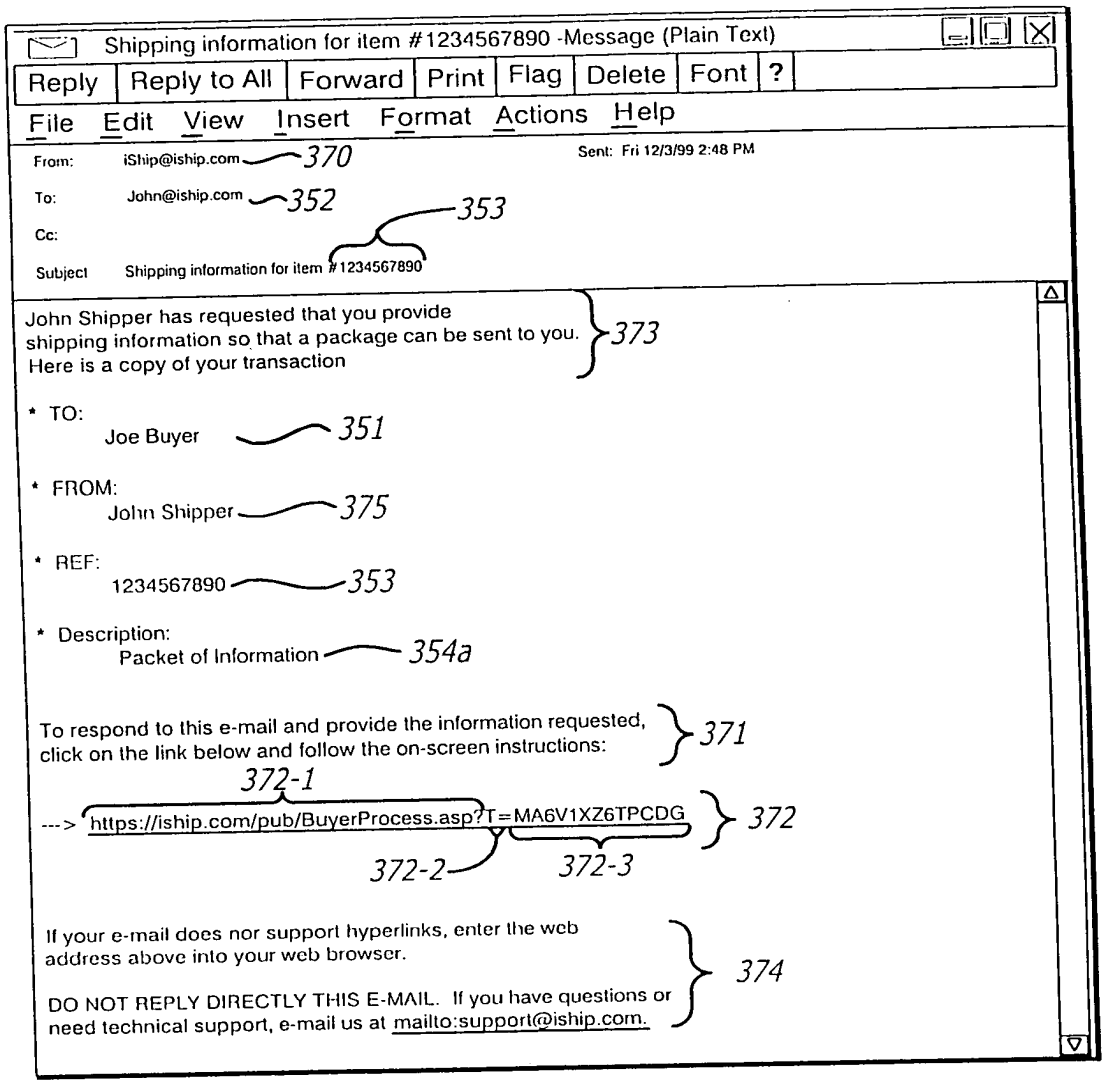

Shipping information for item #1234567890 -Message (Plain Text)
Reply
Reply to All
Forward
Print
Flag
Delete
Font
?
File Edit View Insert Format Actions Help
From: iShip@iship.com 370
Sent: Fri 12/3/99 2:48 PM
To: John@iship.com 352
Cc:
Subject Shipping information for item #1234567890 353
John Shipper has requested that you provide shipping information so that a package can be sent to you. Here is a copy of your transaction 373
* TO: Joe Buyer 351
* FROM: John Shipper 375
* REF: 1234567890 353
* Description: Packet of Information 354a
To respond to this e-mail and provide the information requested, click on the link below and follow the on-screen instructions: 371
372-1
---> https://iship.com/pub/BuyerProcess.asp?T=MA6V1XZ6TPCDG 372
372-2
372-3
If your e-mail does nor support hyperlinks, enter the web address above into your web browser.
DO NOT REPLY DIRECTLY THIS E-MAIL. If you have questions or need technical support, e-mail us at mailto:support@iship.com. 374

FIG. 43

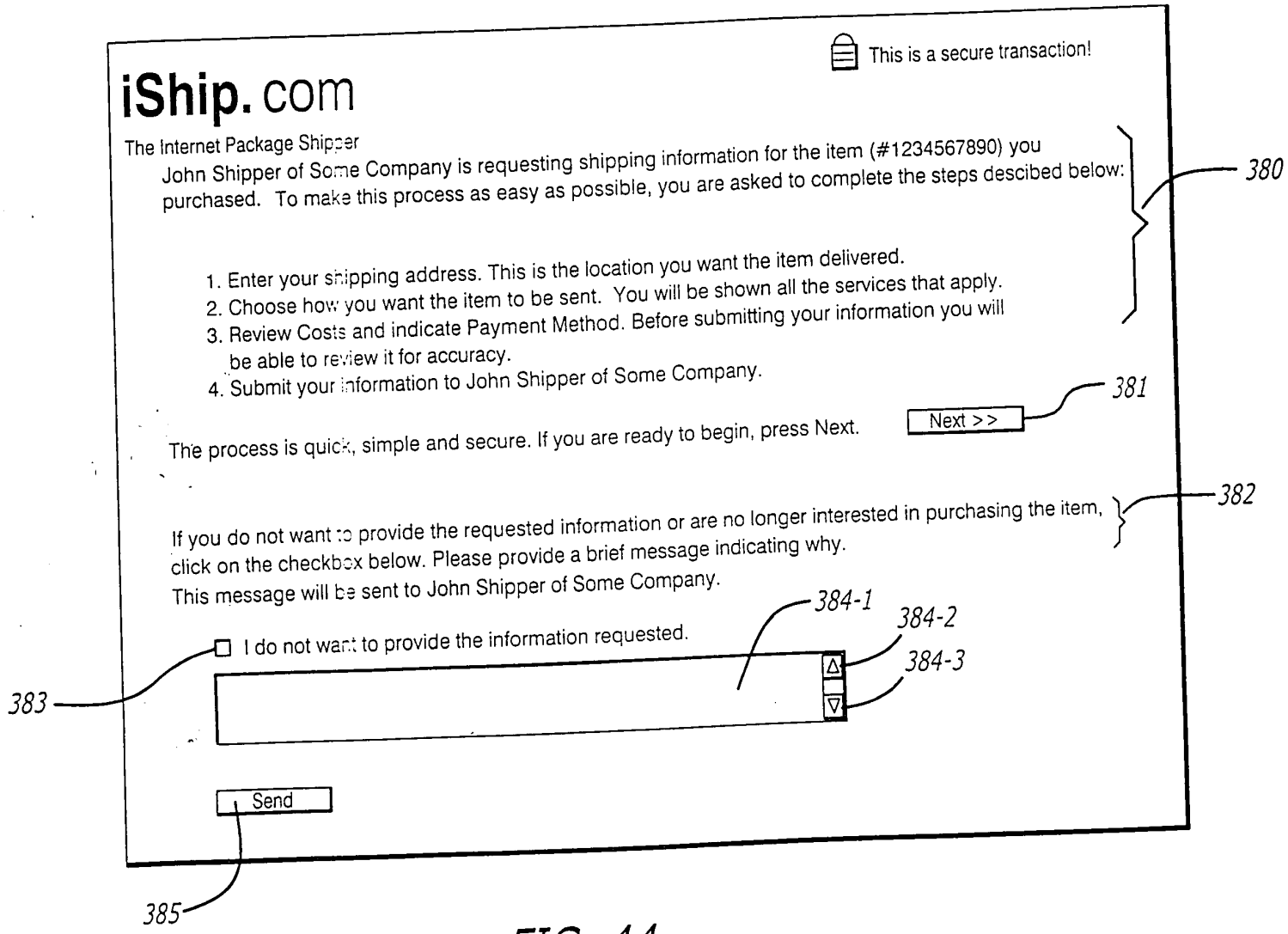

This is a secure transaction!
iShip.com
The Internet Package Shipper
John Shipper of Some Company is requesting shipping information for the item (#1234567890) you purchased. To make this process as easy as possible, you are asked to complete the steps descibed below:
1. Enter your shipping address. This is the location you want the item delivered.
2. Choose how you want the item to be sent. You will be shown all the services that apply.
3. Review Costs and indicate Payment Method. Before submitting your information you will be able to review it for accuracy.
4. Submit your information to John Shipper of Some Company.
Next >>
The process is quick, simple and secure. If you are ready to begin, press Next.
If you do not want to provide the requested information or are no longer interested in purchasing the item, click on the checkbox below. Please provide a brief message indicating why.
This message will be sent to John Shipper of Some Company.
I do not want to provide the information requested.
Send
380
381
382
383
384-1
384-2
384-3
385

FIG. 44

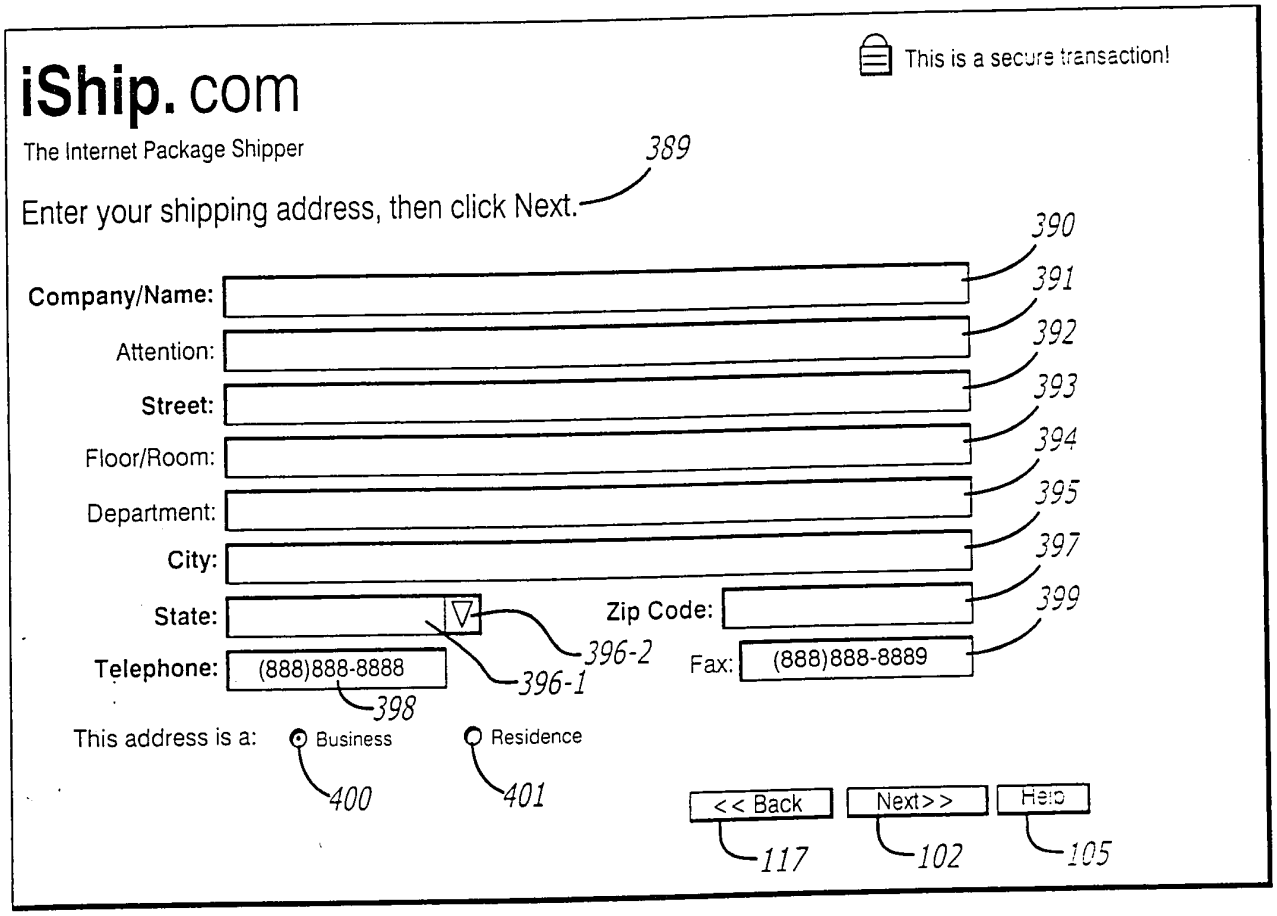

iShip.com
This is a secure transaction!
The Internet Package Shipper
389
Enter your shipping address, then click Next.
390
Company/Name:
391
Attention:
392
Street:
393
Floor/Room:
394
Department:
395
City:
397
State:
Zip Code:
399
396-2
396-1
Telephone:
(888)888-8888
Fax:
(888)888-8889
398
This address is a:
Business
Residence
400
401
<< Back
Next>>
Help
117
102
105

FIG. 45

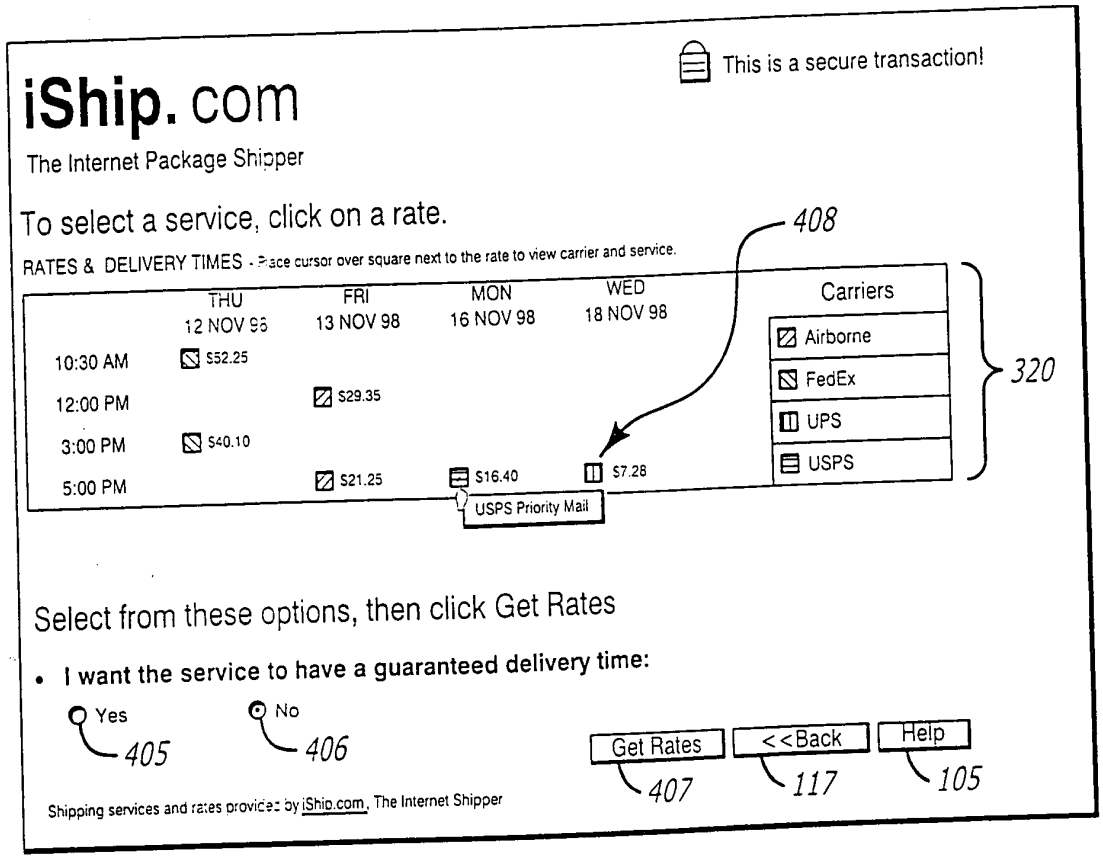

iShip.com
The Internet Package Shipper
This is a secure transaction!
To select a service, click on a rate.
408
RATES & DELIVERY TIMES - Place cursor over square next to the rate to view carrier and service.
THU 12 NOV 98
FRI 13 NOV 98
MON 16 NOV 98
WED 18 NOV 98
10:30 AM
12:00 PM
3:00 PM
5:00 PM
$52.25
$29.35
$40.10
$21.25
$16.40
$7.28
USPS Priority Mail
Carriers
Airborne
FedEx
UPS
USPS
320
Select from these options, then click Get Rates
I want the service to have a guaranteed delivery time:
Yes
No
405
406
Get Rates
<<Back
Help
407
117
105
Shipping services and rates provided by iShip.com, The Internet Shipper

FIG. 46

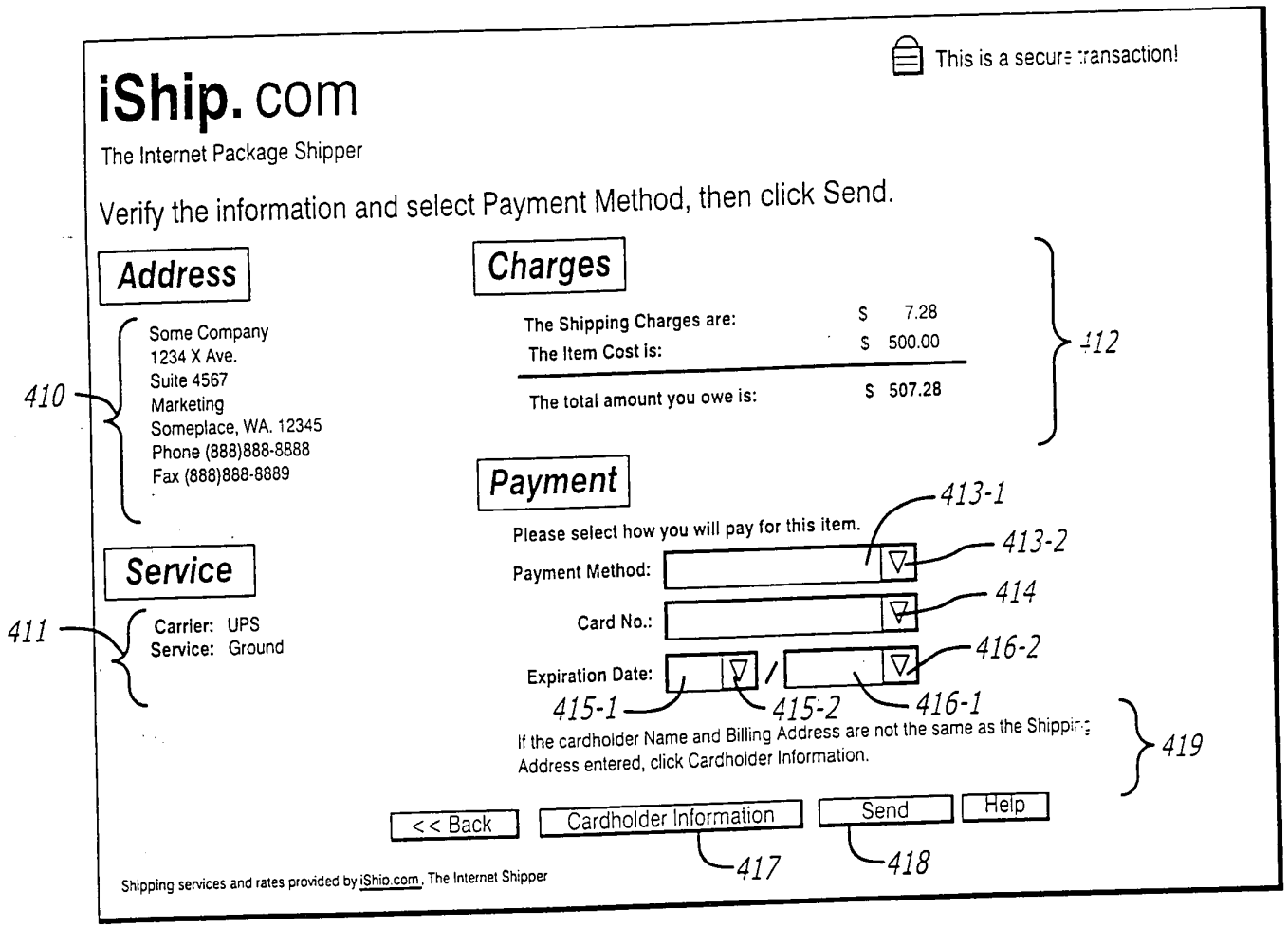

This is a secure transaction!
iShip.com
The Internet Package Shipper
Verify the information and select Payment Method, then click Send.
Address
Some Company
1234 X Ave.
Suite 4567
Marketing
Someplace, WA. 12345
Phone (888)888-8888
Fax (888)888-8889
410
Service
Carrier: UPS
Service: Ground
411
Charges
The Shipping Charges are: $ 7.28
The Item Cost is: $ 500.00
The total amount you owe is: $ 507.28
112
Payment
Please select how you will pay for this item.
Payment Method:
Card No.:
Expiration Date: /
413-1
413-2
414
416-2
415-1
415-2
416-1
If the cardholder Name and Billing Address are not the same as the Shipping Address entered, click Cardholder Information.
419
<< Back
Cardholder Information
Send
Help
417
418
Shipping services and rates provided by iShip.com, The Internet Shipper

FIG. 47

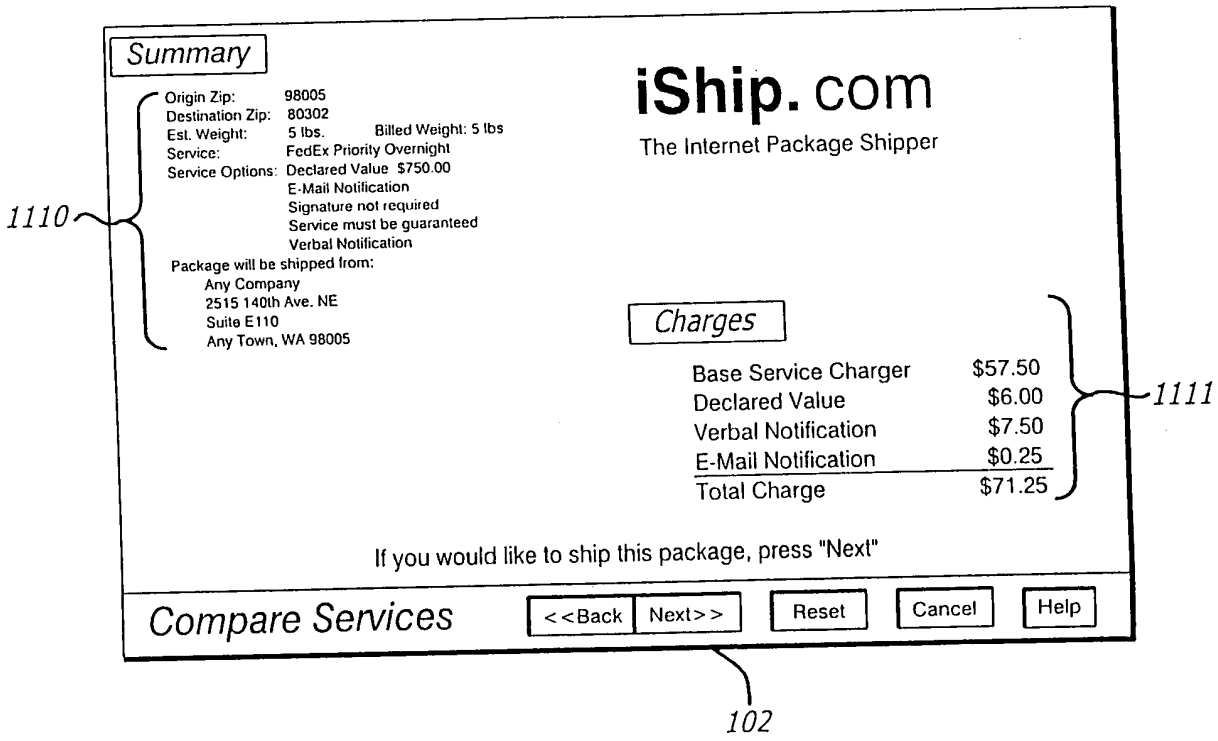

Summary
iShip.com
The Internet Package Shipper
Origin Zip: 98005
Destination Zip: 80302
Est. Weight: 5 lbs. Billed Weight: 5 lbs
Service: FedEx Priority Overnight
Service Options: Declared Value $750.00
E-Mail Notification
Signature not required
Service must be guaranteed
Verbal Notification
Package will be shipped from:
Any Company
2515 140th Ave. NE
Suite E110
Any Town, WA 98005
1110
Charges
Base Service Charger $57.50
Declared Value $6.00
Verbal Notification $7.50
E-Mail Notification $0.25
Total Charge $71.25
1111
If you would like to ship this package, press "Next"
Compare Services
<<Back
Next>>
Reset
Cancel
Help
102

FIG. 48

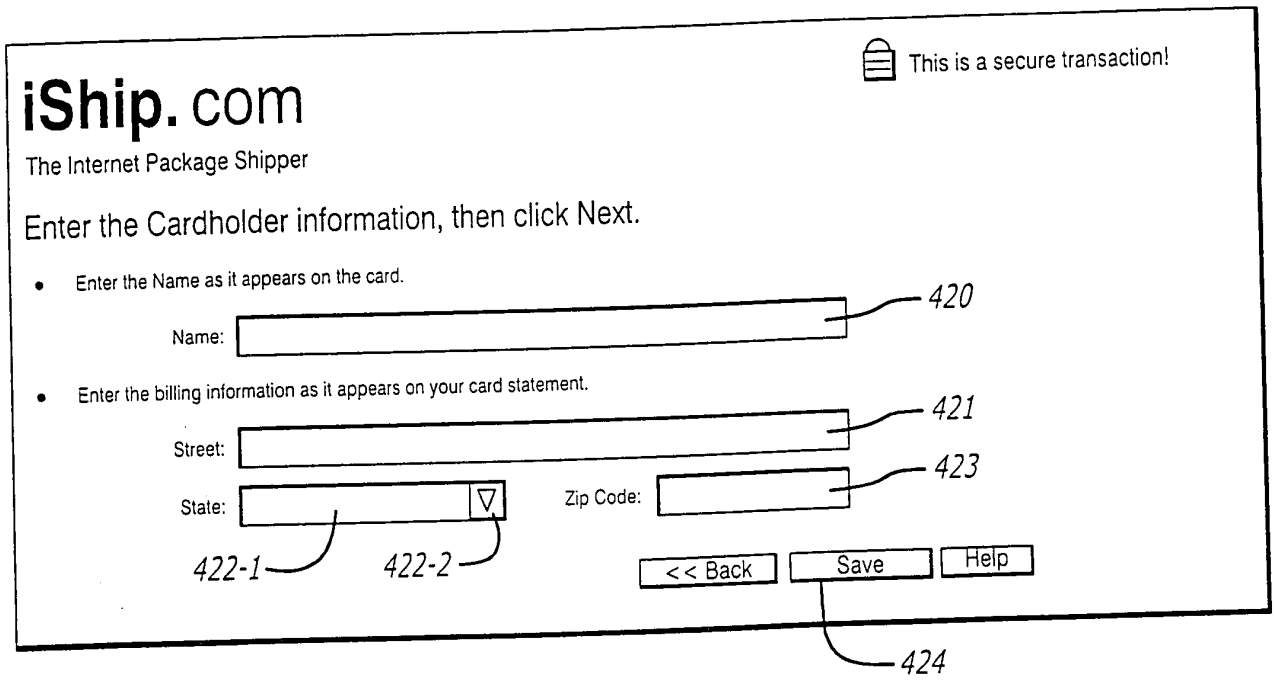

This is a secure transaction!
iShip.com
The Internet Package Shipper
Enter the Cardholder information, then click Next.
Enter the Name as it appears on the card.
Name:
420
Enter the billing information as it appears on your card statement.
Street:
421
State:
Zip Code:
423
422-1
422-2
<< Back
Save
Help
424

FIG. 49

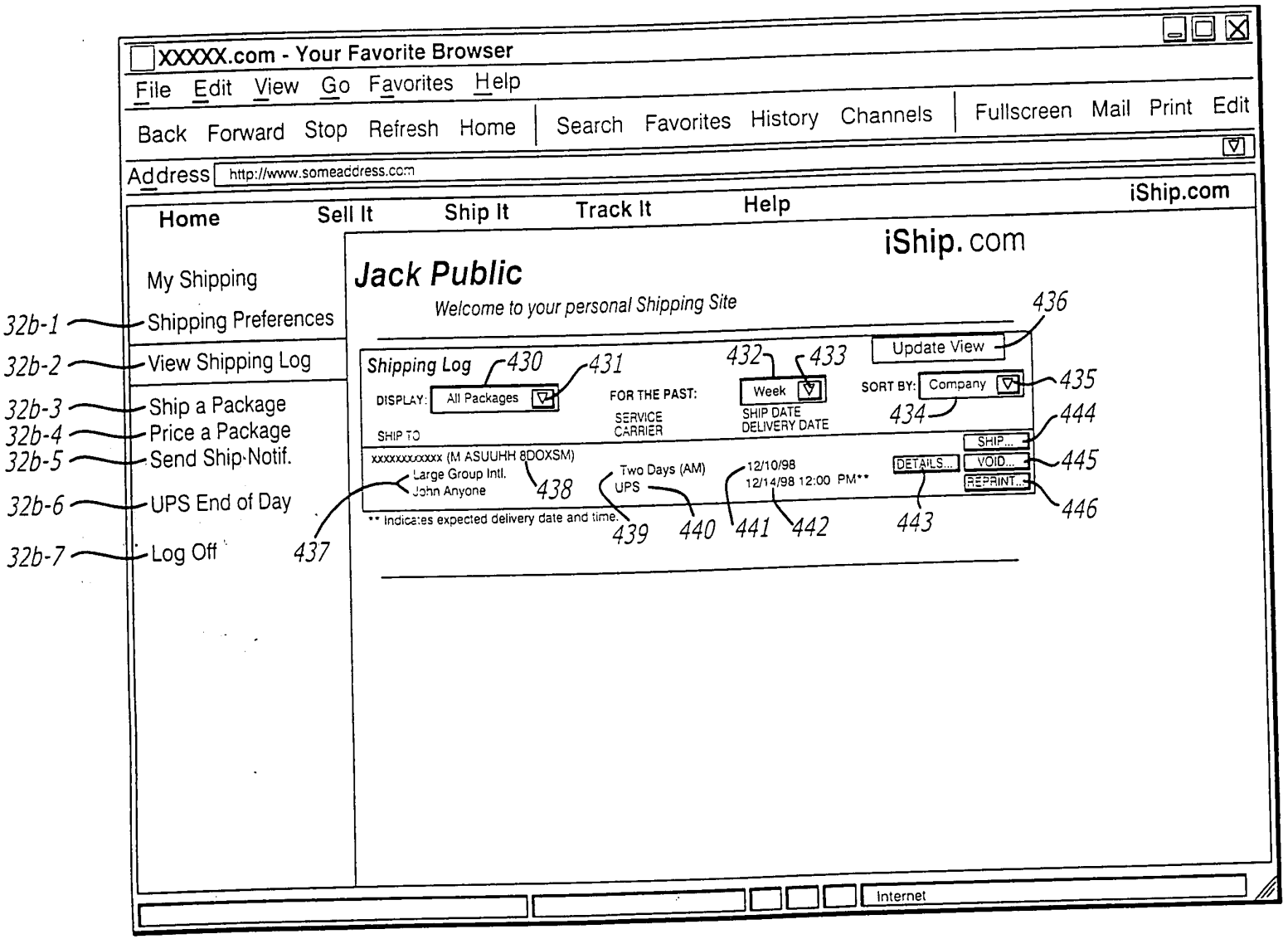

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
iShip.com
My Shipping
Jack Public
Welcome to your personal Shipping Site
32b-1 Shipping Preferences
32b-2 View Shipping Log
32b-3 Ship a Package
32b-4 Price a Package
32b-5 Send Ship-Notif.
32b-6 UPS End of Day
32b-7 Log Off
Shipping Log
DISPLAY: All Packages
FOR THE PAST: Week
SORT BY: Company
SERVICE
CARRIER
SHIP DATE
DELIVERY DATE
SHIP TO
Update View
SHIP...
VOID...
REPRINT...
DETAILS...
xxxxxxxxxxx (M ASUUHH 8DOXSM)
Large Group Intl.
John Anyone
Two Days (AM)
UPS
12/10/98
12/14/98 12:00 PM**
** Indicates expected delivery date and time.
430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446
Internet

FIG. 50

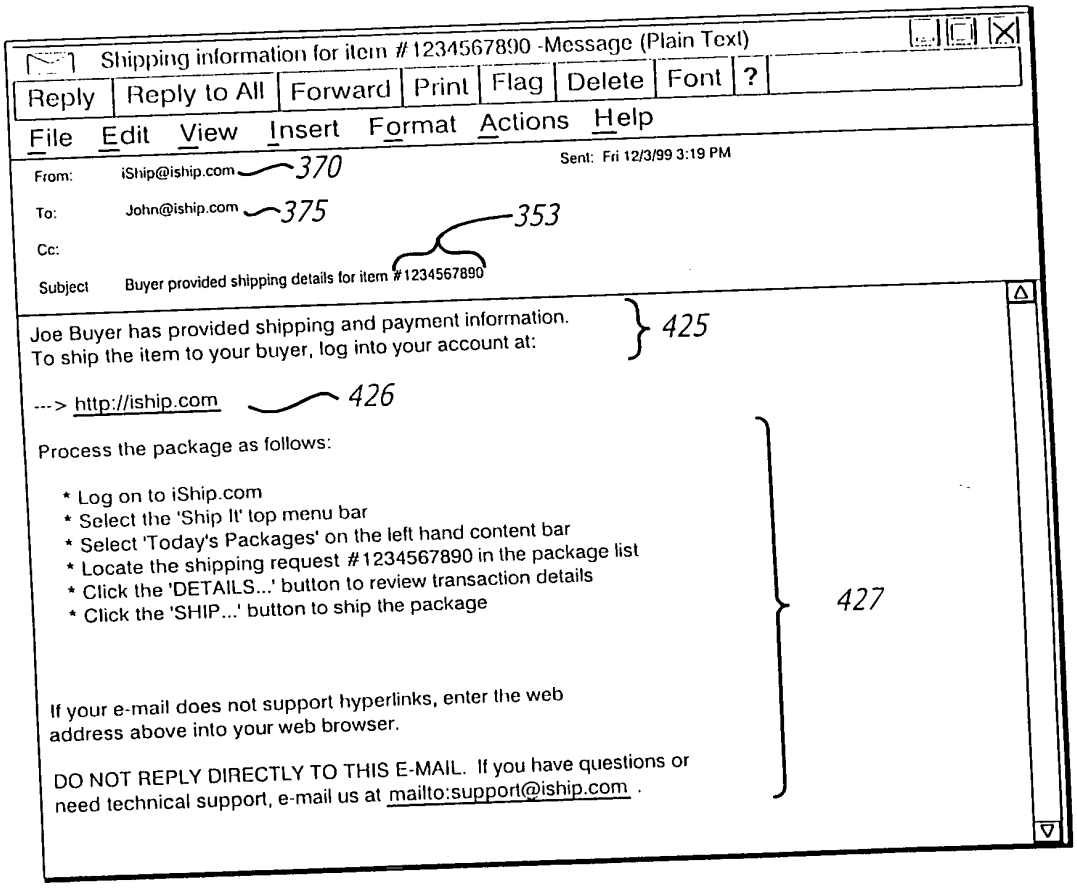

Shipping information for item #1234567890 -Message (Plain Text)
Reply
Reply to All
Forward
Print
Flag
Delete
Font
?
File Edit View Insert Format Actions Help
From: iShip@iship.com
370
Sent: Fri 12/3/99 3:19 PM
To: John@iship.com
375
Cc:
353
Subject Buyer provided shipping details for item #1234567890
Joe Buyer has provided shipping and payment information.
To ship the item to your buyer, log into your account at:
425
---> http://iship.com
426
Process the package as follows:
* Log on to iShip.com
* Select the 'Ship It' top menu bar
* Select 'Today's Packages' on the left hand content bar
* Locate the shipping request #1234567890 in the package list
* Click the 'DETAILS...' button to review transaction details
* Click the 'SHIP...' button to ship the package
427
If your e-mail does not support hyperlinks, enter the web address above into your web browser.
DO NOT REPLY DIRECTLY TO THIS E-MAIL. If you have questions or need technical support, e-mail us at mailto:support@iship.com .

FIG. 51

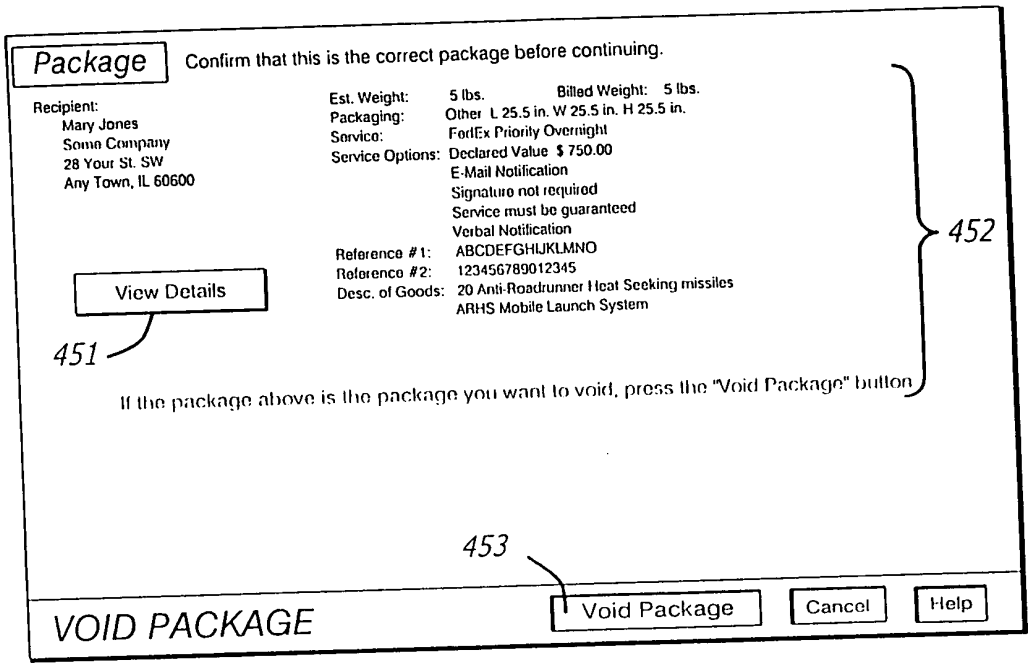

Package
Confirm that this is the correct package before continuing.
Recipient:
Mary Jones
Some Company
28 Your St. SW
Any Town, IL 60600
Est. Weight: 5 lbs. Billed Weight: 5 lbs.
Packaging: Other L 25.5 in. W 25.5 in. H 25.5 in.
Service: FedEx Priority Overnight
Service Options: Declared Value $ 750.00
E-Mail Notification
Signature not required
Service must be guaranteed
Verbal Notification
Reference #1: ABCDEFGHIJKLMNO
Reference #2: 123456789012345
Desc. of Goods: 20 Anti-Roadrunner Heat Seeking missiles
ARHS Mobile Launch System
452
View Details
451
If the package above is the package you want to void, press the "Void Package" button
453
VOID PACKAGE
Void Package
Cancel
Help

FIG. 52

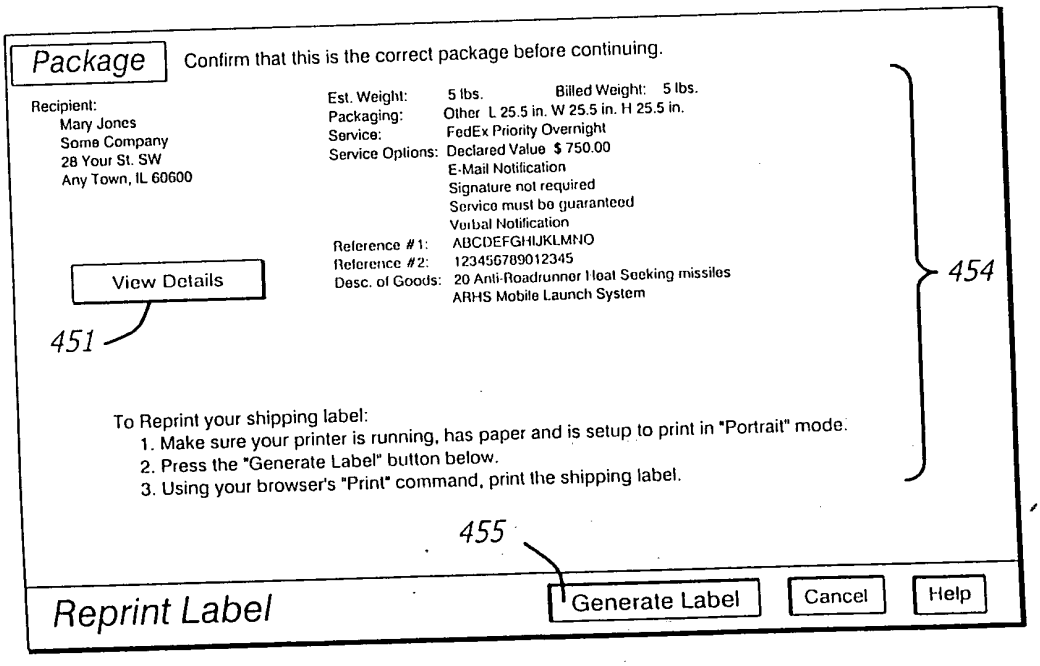
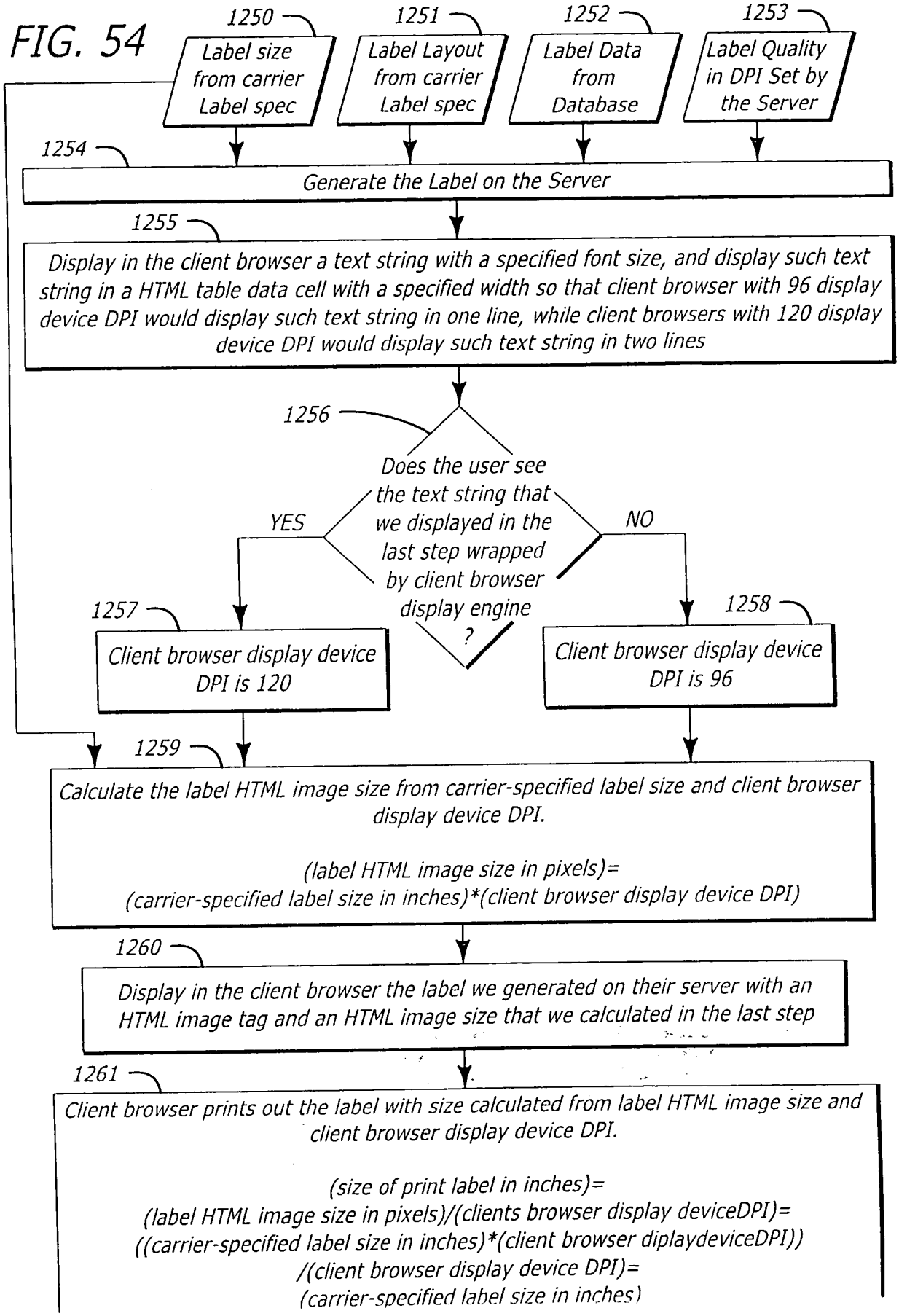

Package
Confirm that this is the correct package before continuing.
Recipient:
Mary Jones
Some Company
28 Your St. SW
Any Town, IL 60600
Est. Weight: 5 lbs. Billed Weight: 5 lbs.
Packaging: Other L 25.5 in. W 25.5 in. H 25.5 in.
Service: FedEx Priority Overnight
Service Options: Declared Value $ 750.00
E-Mail Notification
Signature not required
Service must be guaranteed
Verbal Notification
Reference #1: ABCDEFGHIJKLMNO
Reference #2: 123456789012345
Desc. of Goods: 20 Anti-Roadrunner Heat Seeking missiles
ARHS Mobile Launch System
454
View Details
451
To Reprint your shipping label:
1. Make sure your printer is running, has paper and is setup to print in "Portrait" mode.
2. Press the "Generate Label" button below.
3. Using your browser's "Print" command, print the shipping label.
455
Reprint Label
Generate Label
Cancel
Help

FIG. 53

FIG. 54


1250
Label size from carrier Label spec
1251
Label Layout from carrier Label spec
1252
Label Data from Database
1253
Label Quality in DPI Set by the Server
1254
Generate the Label on the Server
1255
Display in the client browser a text string with a specified font size, and display such text string in a HTML table data cell with a specified width so that client browser with 96 display device DPI would display such text string in one line, while client browsers with 120 display device DPI would display such text string in two lines
1256
Does the user see the text string that we displayed in the last step wrapped by client browser display engine ?
YES
NO
1257
Client browser display device DPI is 120
1258
Client browser display device DPI is 96
1259
Calculate the label HTML image size from carrier-specified label size and client browser display device DPI.
(label HTML image size in pixels)=
(carrier-specified label size in inches)*(client browser display device DPI)
1260
Display in the client browser the label we generated on their server with an HTML image tag and an HTML image size that we calculated in the last step
1261
Client browser prints out the label with size calculated from label HTML image size and client browser display device DPI.
(size of print label in inches)=
(label HTML image size in pixels)/(clients browser display deviceDPI)=
((carrier-specified label size in inches)*(client browser diplaydeviceDPI))
/(client browser display device DPI)=
(carrier-specified label size in inches)

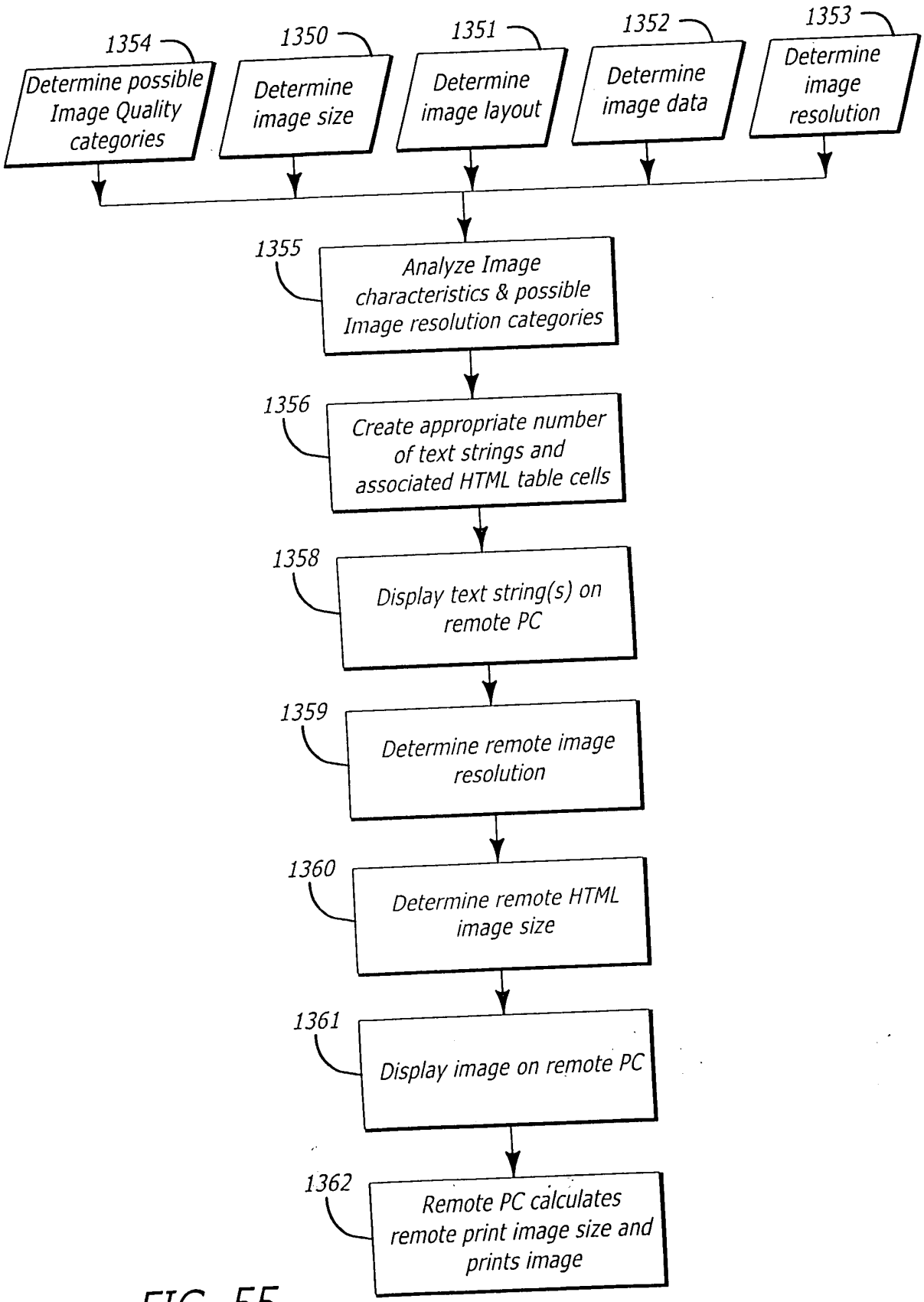

1354
Determine possible Image Quality categories
1350
Determine image size
1351
Determine image layout
1352
Determine image data
1353
Determine image resolution
1355
Analyze Image characteristics & possible Image resolution categories
1356
Create appropriate number of text strings and associated HTML table cells
1358
Display text string(s) on remote PC
1359
Determine remote image resolution
1360
Determine remote HTML image size
1361
Display image on remote PC
1362
Remote PC calculates remote print image size and prints image

FIG. 55

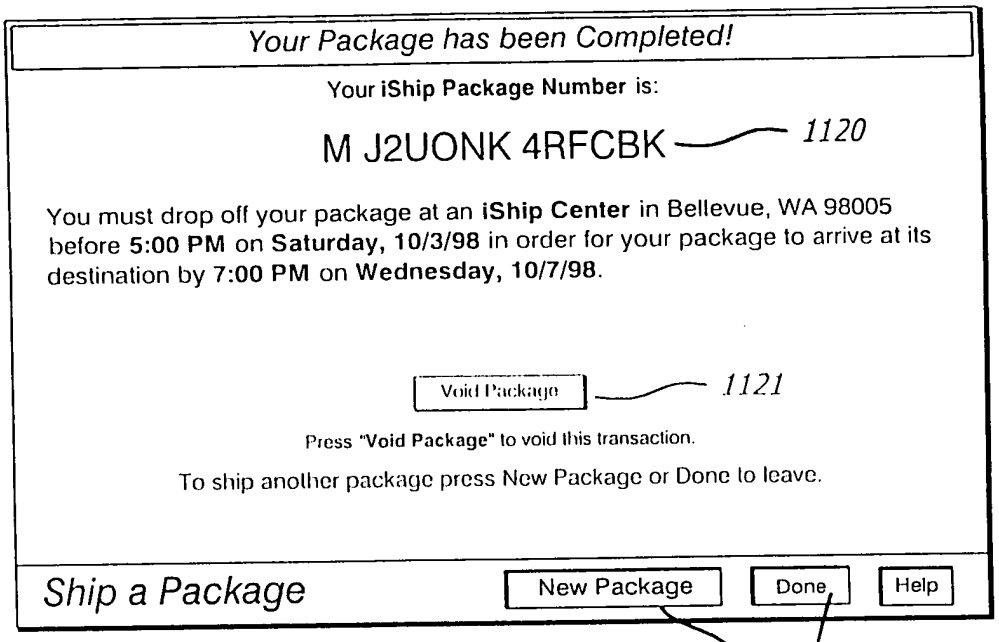

Your Package has been Completed!
Your iShip Package Number is:
M J2UONK 4RFCBK
1120
You must drop off your package at an iShip Center in Bellevue, WA 98005 before 5:00 PM on Saturday, 10/3/98 in order for your package to arrive at its destination by 7:00 PM on Wednesday, 10/7/98.
Void Package
1121
Press "Void Package" to void this transaction.
To ship another package press New Package or Done to leave.
Ship a Package
New Package
Done
Help
1122
1123

FIG. 56

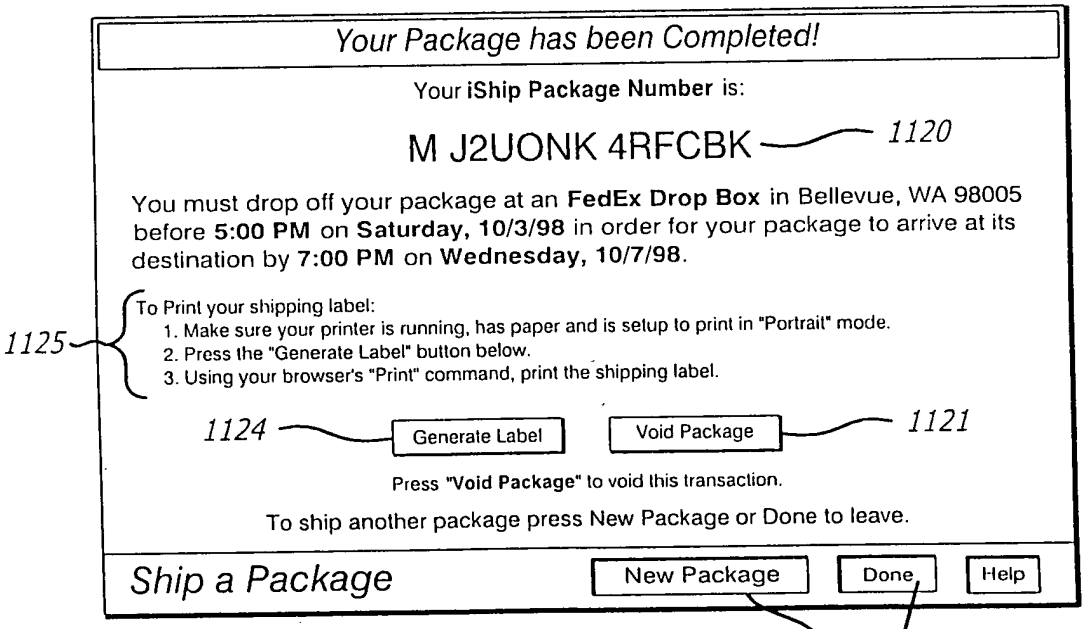

Your Package has been Completed!
Your iShip Package Number is:
M J2UONK 4RFCBK
1120
You must drop off your package at an FedEx Drop Box in Bellevue, WA 98005 before 5:00 PM on Saturday, 10/3/98 in order for your package to arrive at its destination by 7:00 PM on Wednesday, 10/7/98.
1125
To Print your shipping label:
1. Make sure your printer is running, has paper and is setup to print in "Portrait" mode.
2. Press the "Generate Label" button below.
3. Using your browser's "Print" command, print the shipping label.
1124
Generate Label
Void Package
1121
Press "Void Package" to void this transaction.
To ship another package press New Package or Done to leave.
Ship a Package
New Package
Done
Help
1122
1123

FIG. 57

1130
Scroll to Bottom for instructions
ACME INC.
(234) 555-3412
4515 Elm Street NW
Suite B431
Anytown, CA 91354
12 LBS. 1 OF 1
DWT:50.00.12
O/S
AH
SHIP TO:
Joe Receiver
(877) 555-9876
His Company
1234 N. Main Street
Suite E991
Yourtown, AL 20003-1001
UPS EARLY A.M.
1+S
TRACKING #: 12 337 4W5 42 1234 5678
(420) SHIP TO POSTAL CODE
(420) 98005-1885
ADULT SIGNATURE REQUIRED
VCD
REF #1: 12345678S:233:5E7890123456789012345
REF #2: 12345678S:233:5E7890123456789012345
1SHIP.COM #: MATN:5?>Q?5V
iShip 1.00
1131
SHIPPING LABEL PRINTING INSTRUCTIONS
1. Click the Print Label button or use the "Print" command in your browser to print your label.
Print Label
1133
1132
2. Fold or cut the printed page along the line you see above.
3. Place the label in the transparent pouch and affix to your package so that the entire label is visible.
Done
1134

FIG. 58

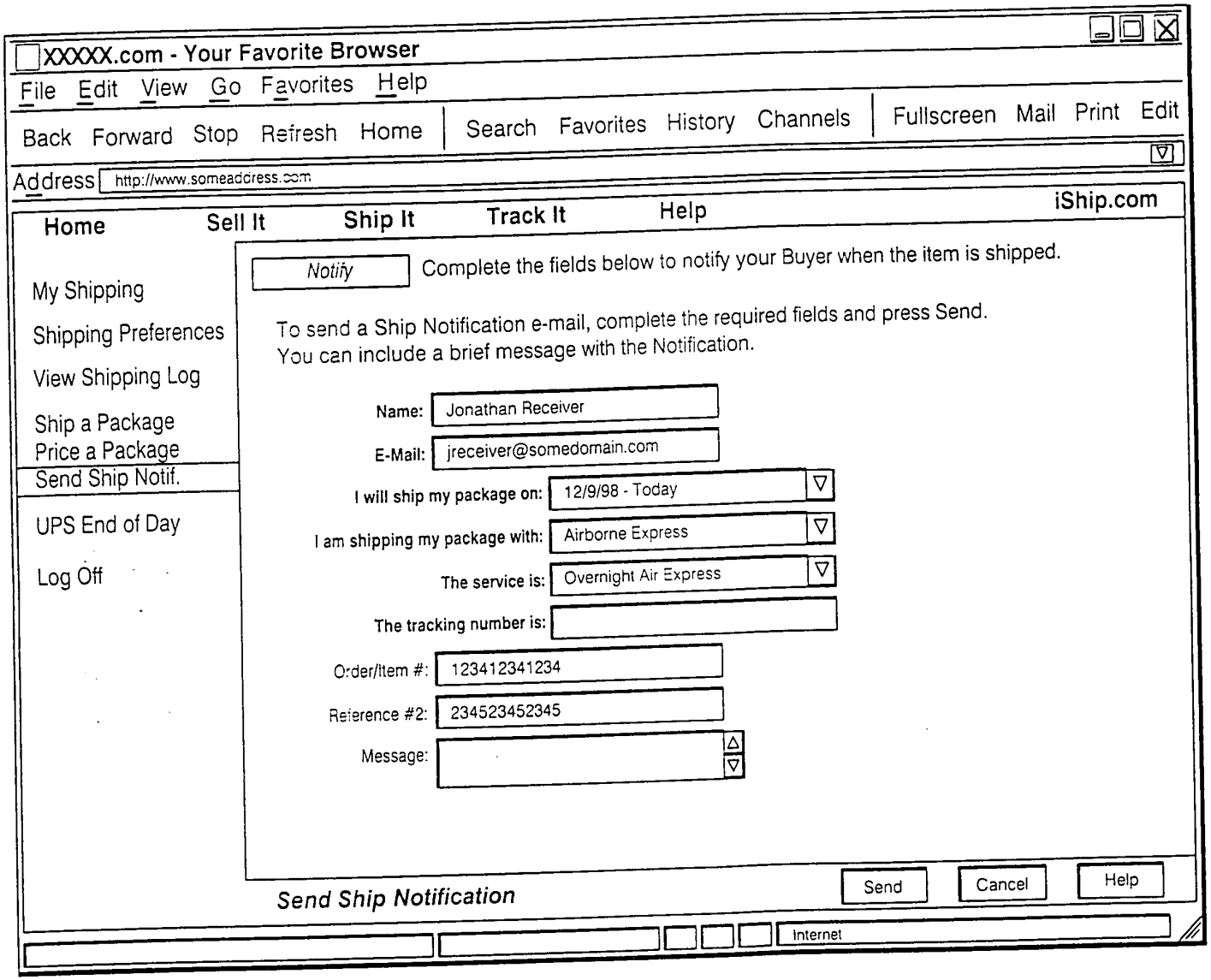

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
My Shipping
Shipping Preferences
View Shipping Log
Ship a Package
Price a Package
Send Ship Notif.
UPS End of Day
Log Off
Notify
Complete the fields below to notify your Buyer when the item is shipped.
To send a Ship Notification e-mail, complete the required fields and press Send.
You can include a brief message with the Notification.
Name: Jonathan Receiver
E-Mail: jreceiver@somedomain.com
I will ship my package on: 12/9/98 - Today
I am shipping my package with: Airborne Express
The service is: Overnight Air Express
The tracking number is:
Order/Item #: 123412341234
Reference #2: 234523452345
Message:
Send Ship Notification
Send
Cancel
Help
Internet

FIG. 59

Microsoft Confidential

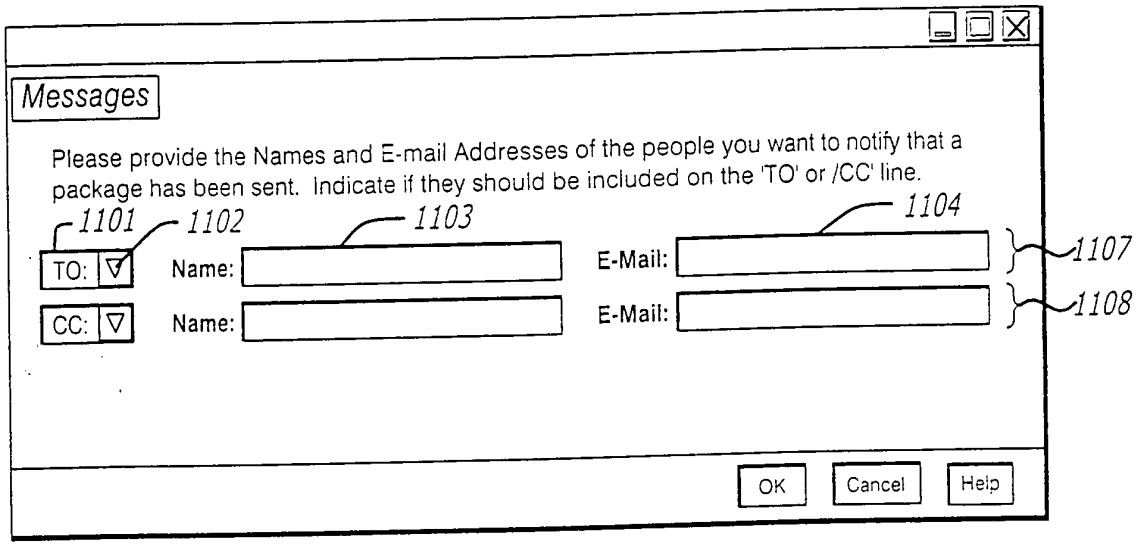


FIG. 60

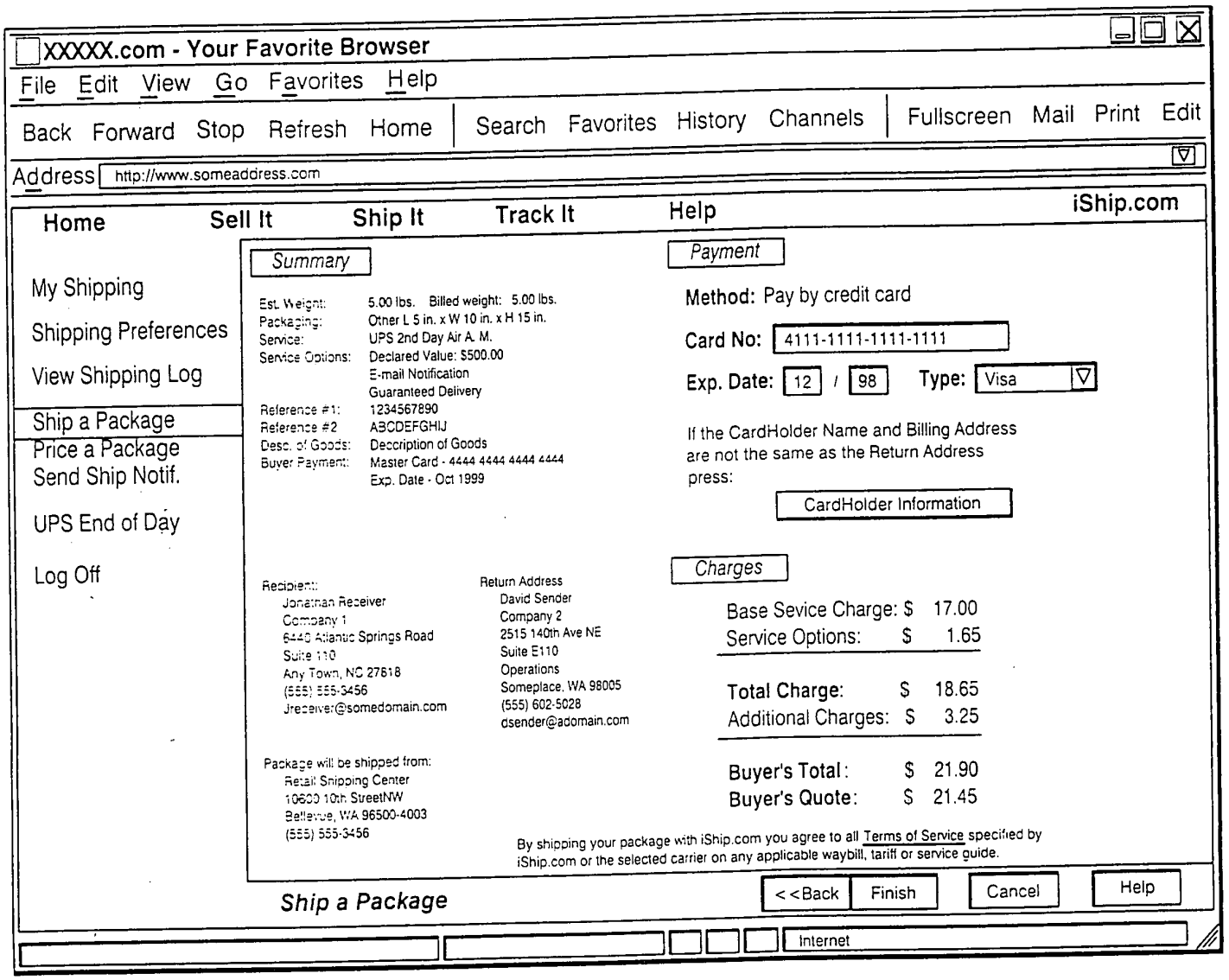

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
My Shipping
Shipping Preferences
View Shipping Log
Ship a Package
Price a Package
Send Ship Notif.
UPS End of Day
Log Off
Summary
Est. Weight: 5.00 lbs. Billed weight: 5.00 lbs.
Packaging: Other L 5 in. x W 10 in. x H 15 in.
Service: UPS 2nd Day Air A. M.
Service Options: Declared Value: $500.00
E-mail Notification
Guaranteed Delivery
Reference #1: 1234567890
Reference #2 ABCDEFGHIJ
Desc. of Goods: Decription of Goods
Buyer Payment: Master Card - 4444 4444 4444 4444
Exp. Date - Oct 1999
Recipient:
Jonathan Receiver
Company 1
6440 Atlantic Springs Road
Suite 110
Any Town, NC 27618
(555) 555-3456
jreceiver@somedomain.com
Return Address
David Sender
Company 2
2515 140th Ave NE
Suite E110
Operations
Someplace, WA 98005
(555) 602-5028
dsender@adomain.com
Package will be shipped from:
Retail Shipping Center
10600 10th StreetNW
Bellevue, WA 96500-4003
(555) 555-3456
Payment
Method: Pay by credit card
Card No: 4111-1111-1111-1111
Exp. Date: 12 / 98 Type: Visa
If the CardHolder Name and Billing Address are not the same as the Return Address press:
CardHolder Information
Charges
Base Sevice Charge: $ 17.00
Service Options: $ 1.65
Total Charge: $ 18.65
Additional Charges: $ 3.25
Buyer's Total: $ 21.90
Buyer's Quote: $ 21.45
By shipping your package with iShip.com you agree to all Terms of Service specified by iShip.com or the selected carrier on any applicable waybill, tariff or service guide.
Ship a Package
<<Back Finish Cancel Help
Internet

FIG. 61

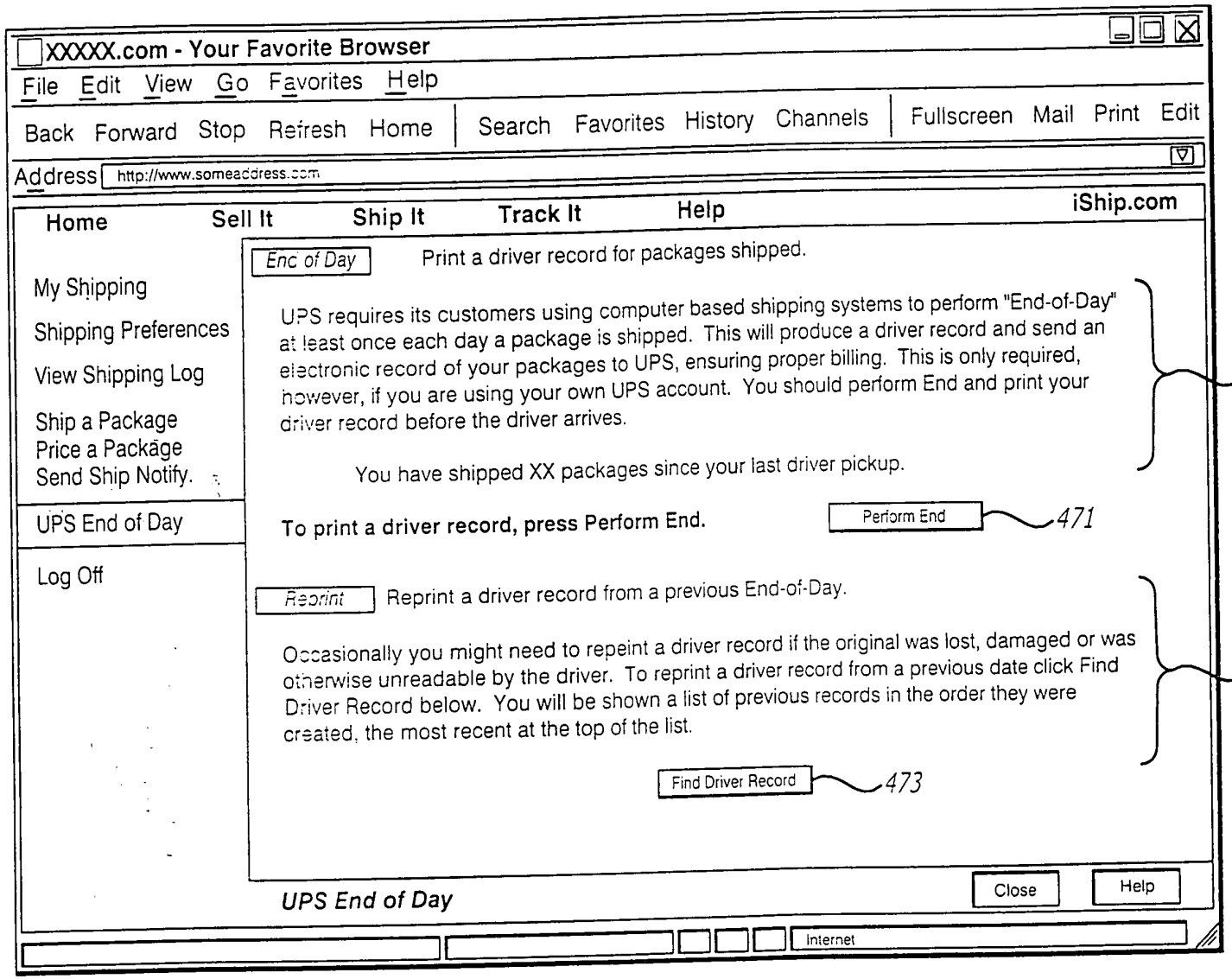

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
My Shipping
Shipping Preferences
View Shipping Log
Ship a Package
Price a Package
Send Ship Notify.
UPS End of Day
Log Off
Enc of Day
Print a driver record for packages shipped.
UPS requires its customers using computer based shipping systems to perform "End-of-Day" at least once each day a package is shipped. This will produce a driver record and send an electronic record of your packages to UPS, ensuring proper billing. This is only required, however, if you are using your own UPS account. You should perform End and print your driver record before the driver arrives.
470
You have shipped XX packages since your last driver pickup.
To print a driver record, press Perform End.
Perform End
471
Reprint
Reprint a driver record from a previous End-of-Day.
Occasionally you might need to repeint a driver record if the original was lost, damaged or was otherwise unreadable by the driver. To reprint a driver record from a previous date click Find Driver Record below. You will be shown a list of previous records in the order they were created, the most recent at the top of the list.
472
Find Driver Record
473
UPS End of Day
Close
Help
Internet

FIG. 62

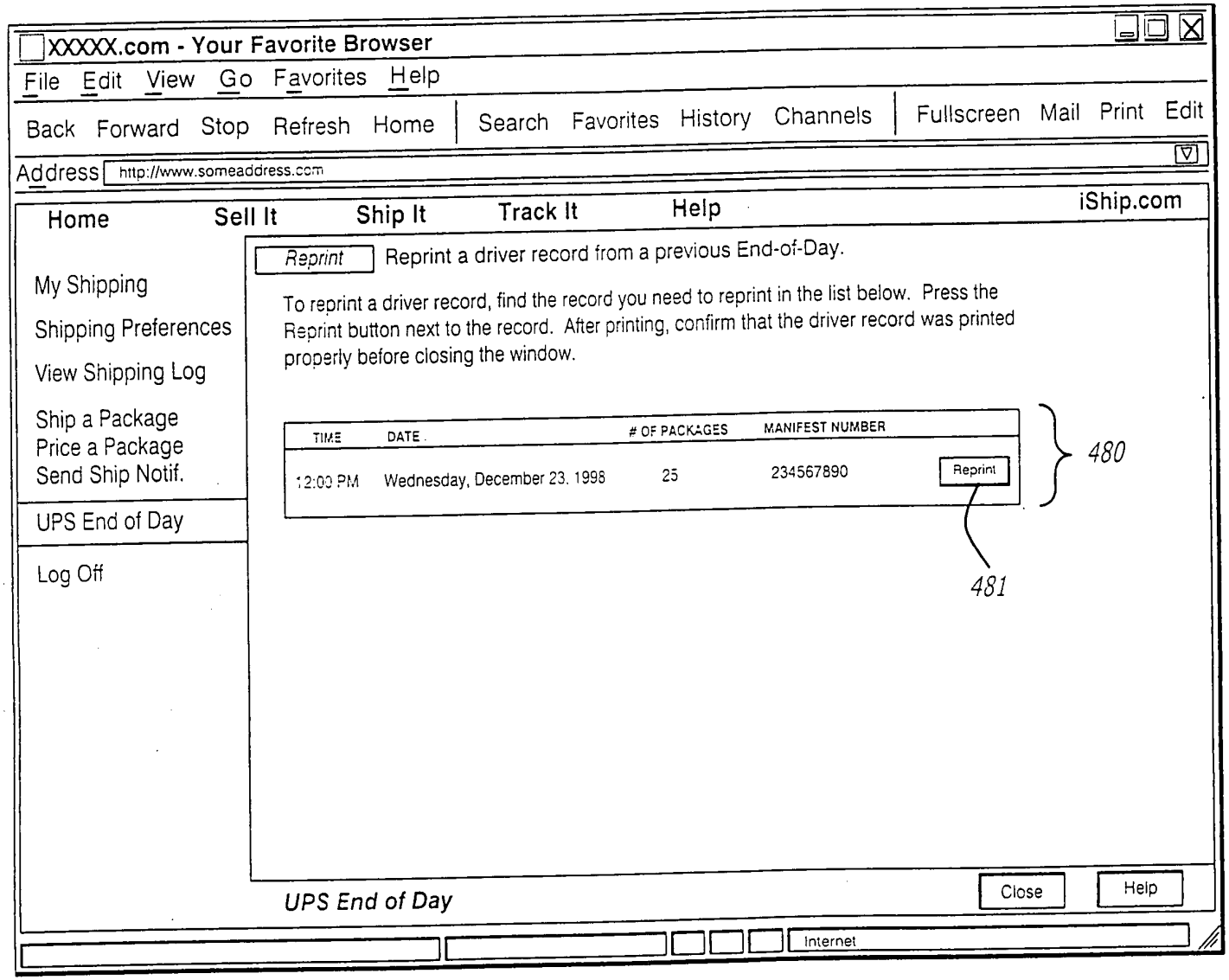

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
My Shipping
Shipping Preferences
View Shipping Log
Ship a Package
Price a Package
Send Ship Notif.
UPS End of Day
Log Off
Reprint
Reprint a driver record from a previous End-of-Day.
To reprint a driver record, find the record you need to reprint in the list below. Press the Reprint button next to the record. After printing, confirm that the driver record was printed properly before closing the window.
TIME
DATE
OF PACKAGES
MANIFEST NUMBER
12:00 PM
Wednesday, December 23, 1998
25
234567890
Reprint
480
481
UPS End of Day
Close
Help
Internet

FIG. 63

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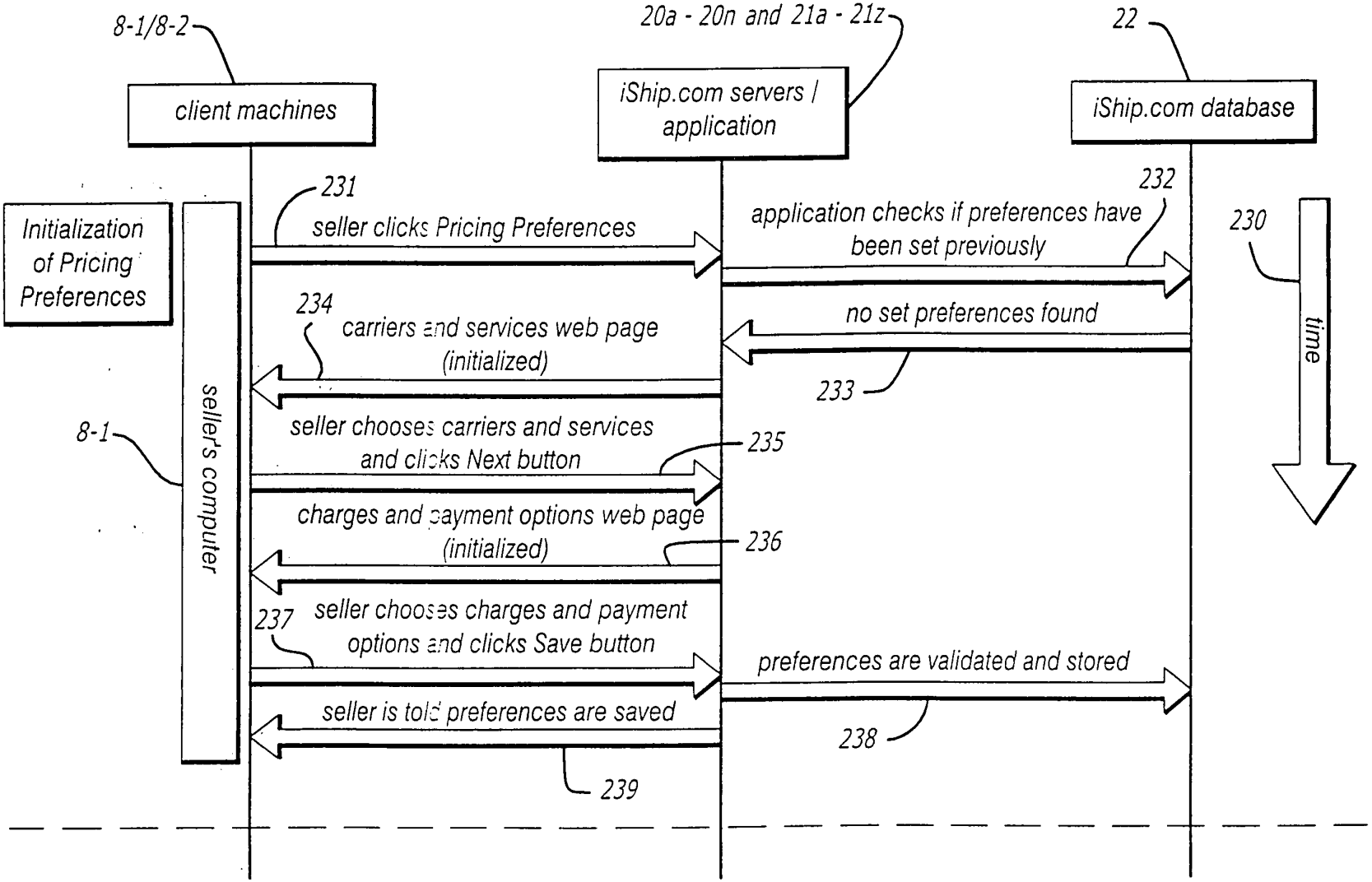
FIG. 64a-1



Docket Tesla

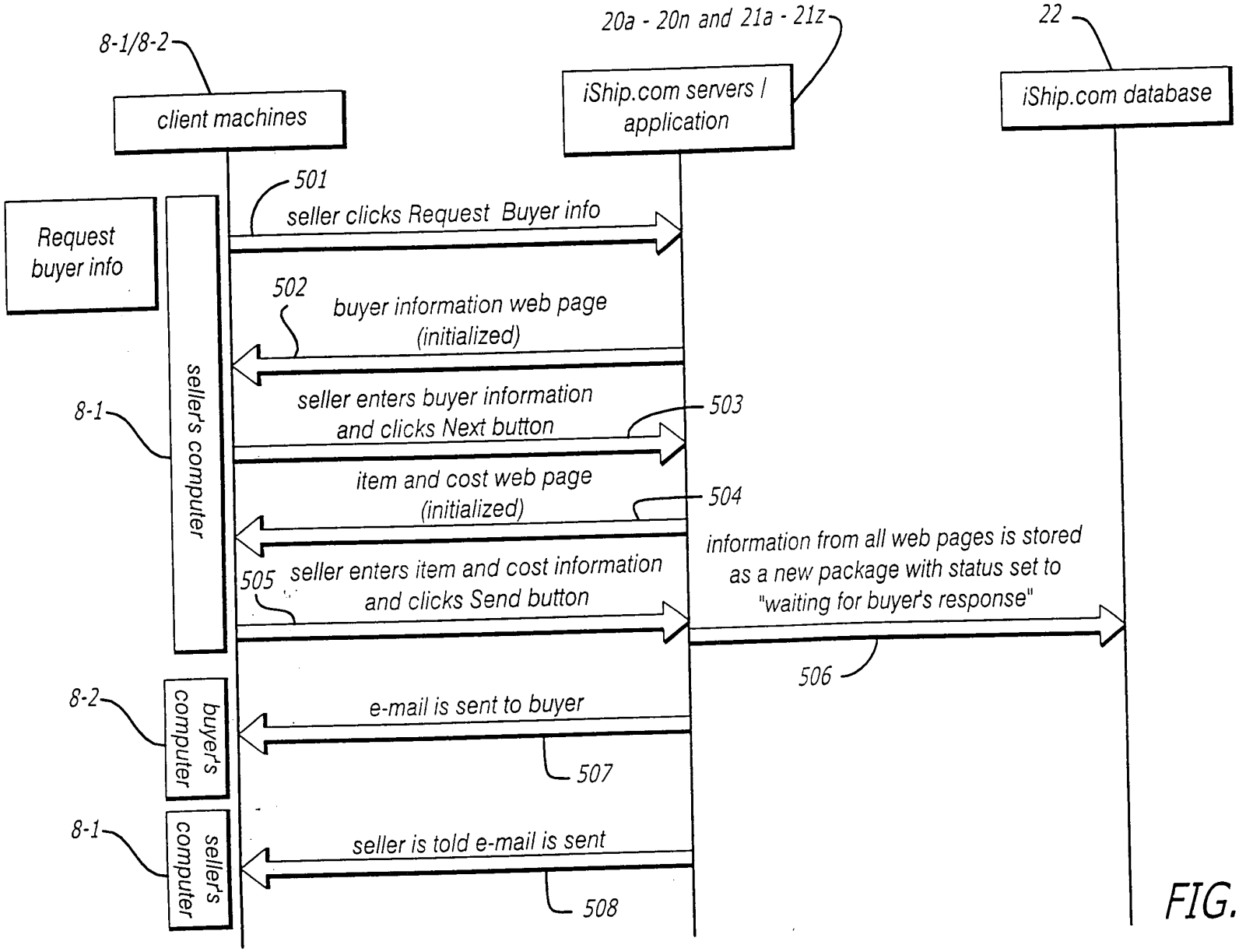


FIG. 64a-2

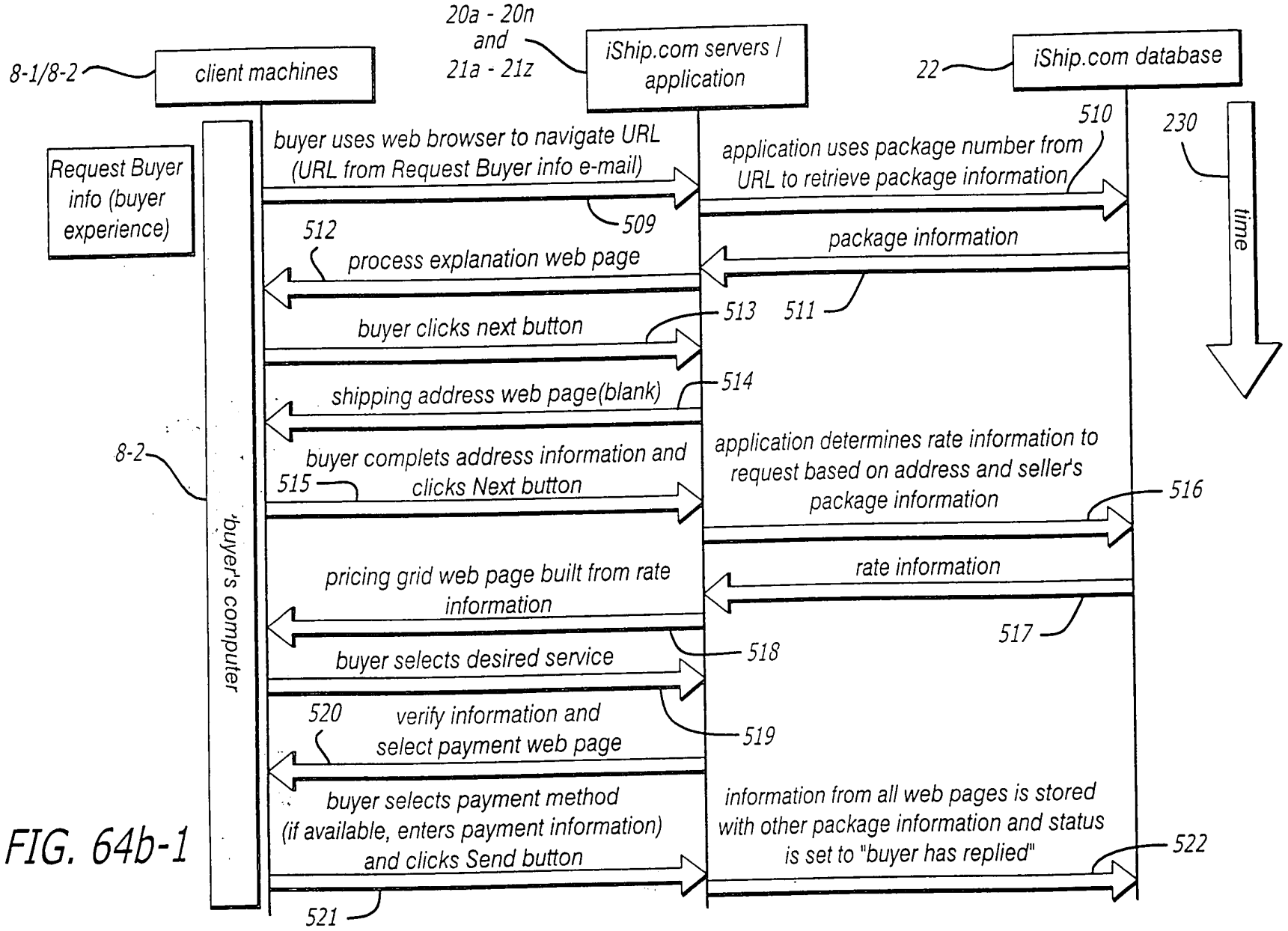

8-1/8-2
client machines
20a - 20n
and
21a - 21z
iShip.com servers / application
22
iShip.com database
Request Buyer info (buyer experience)
8-2
buyer's computer
buyer uses web browser to navigate URL (URL from Request Buyer info e-mail)
509
application uses package number from URL to retrieve package information
510
230
time
package information
511
512
process explanation web page
buyer clicks next button
513
shipping address web page(blank)
514
buyer complets address information and clicks Next button
515
application determines rate information to request based on address and seller's package information
516
rate information
517
pricing grid web page built from rate information
buyer selects desired service
518
verify information and select payment web page
519
520
buyer selects payment method (if available, enters payment information) and clicks Send button
521
information from all web pages is stored with other package information and status is set to "buyer has replied"
522

FIG. 64b-1

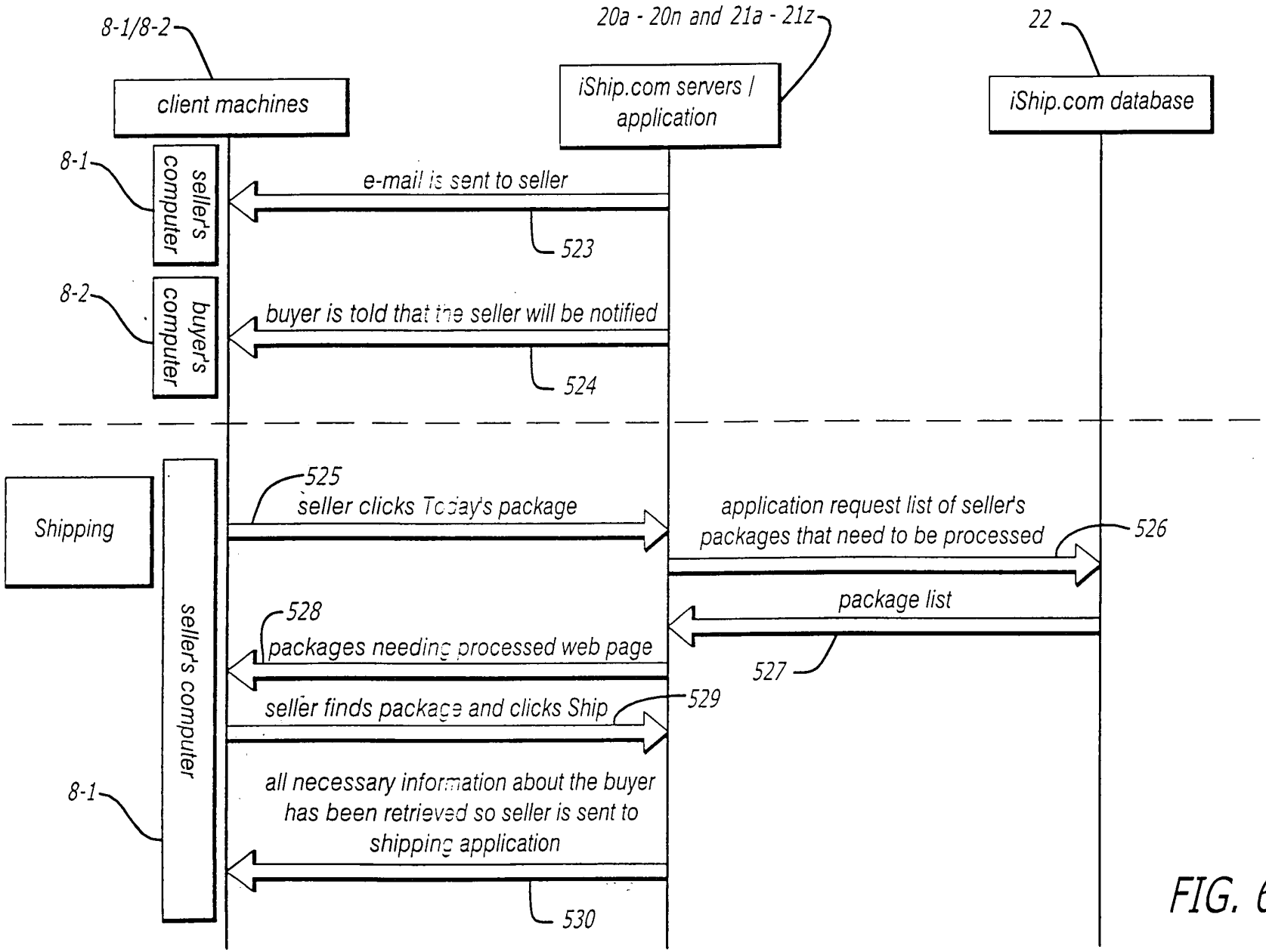

8-1/8-2
client machines
20a - 20n and 21a - 21z
iShip.com servers / application
22
iShip.com database
8-1
seller's computer
e-mail is sent to seller
523
8-2
buyer's computer
buyer is told that the seller will be notified
524
Shipping
seller's computer
525
seller clicks Today's package
application request list of seller's packages that need to be processed
526
package list
527
528
packages needing processed web page
seller finds package and clicks Ship
529
8-1
all necessary information about the buyer has been retrieved so seller is sent to shipping application
530

FIG. 64b-2

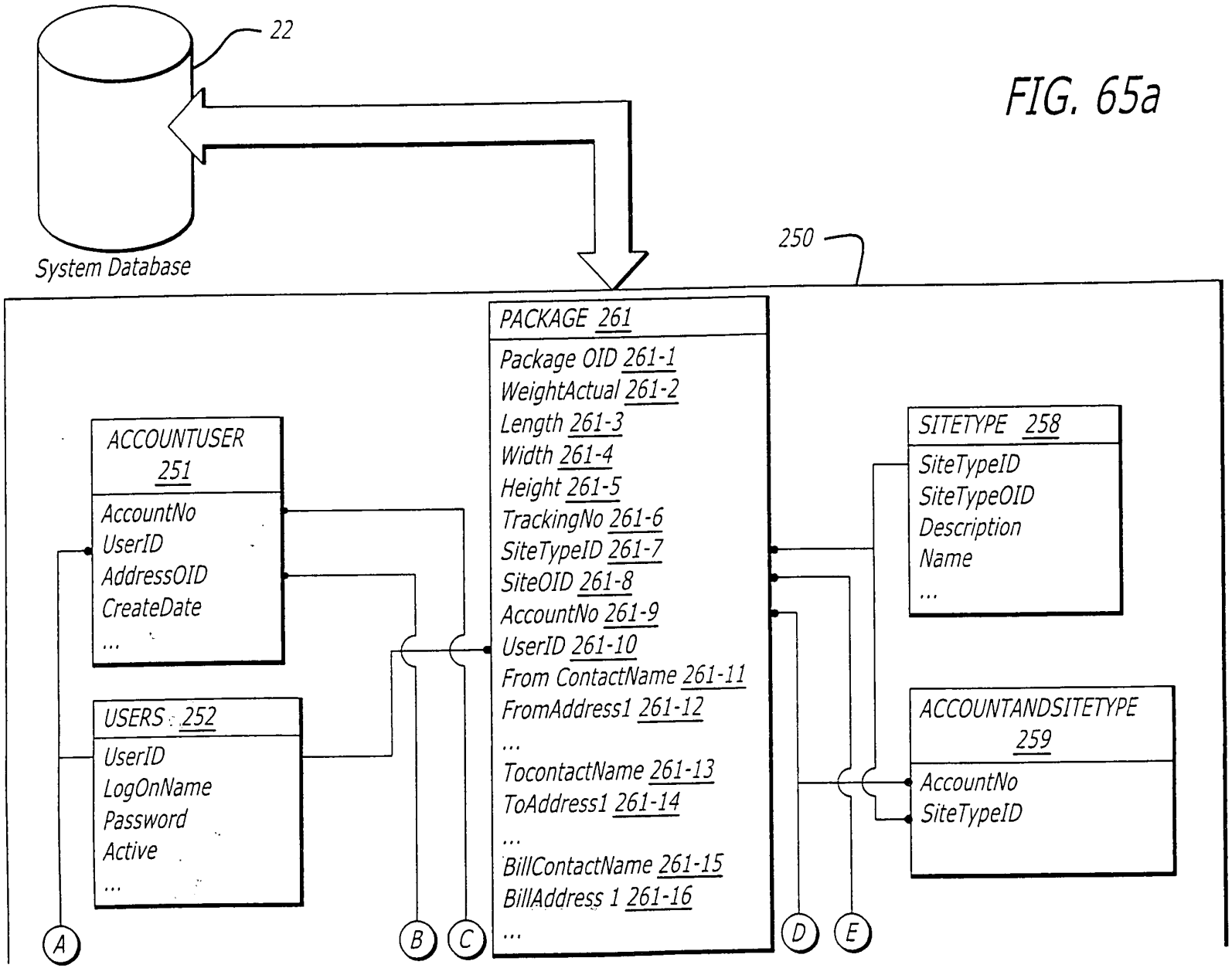
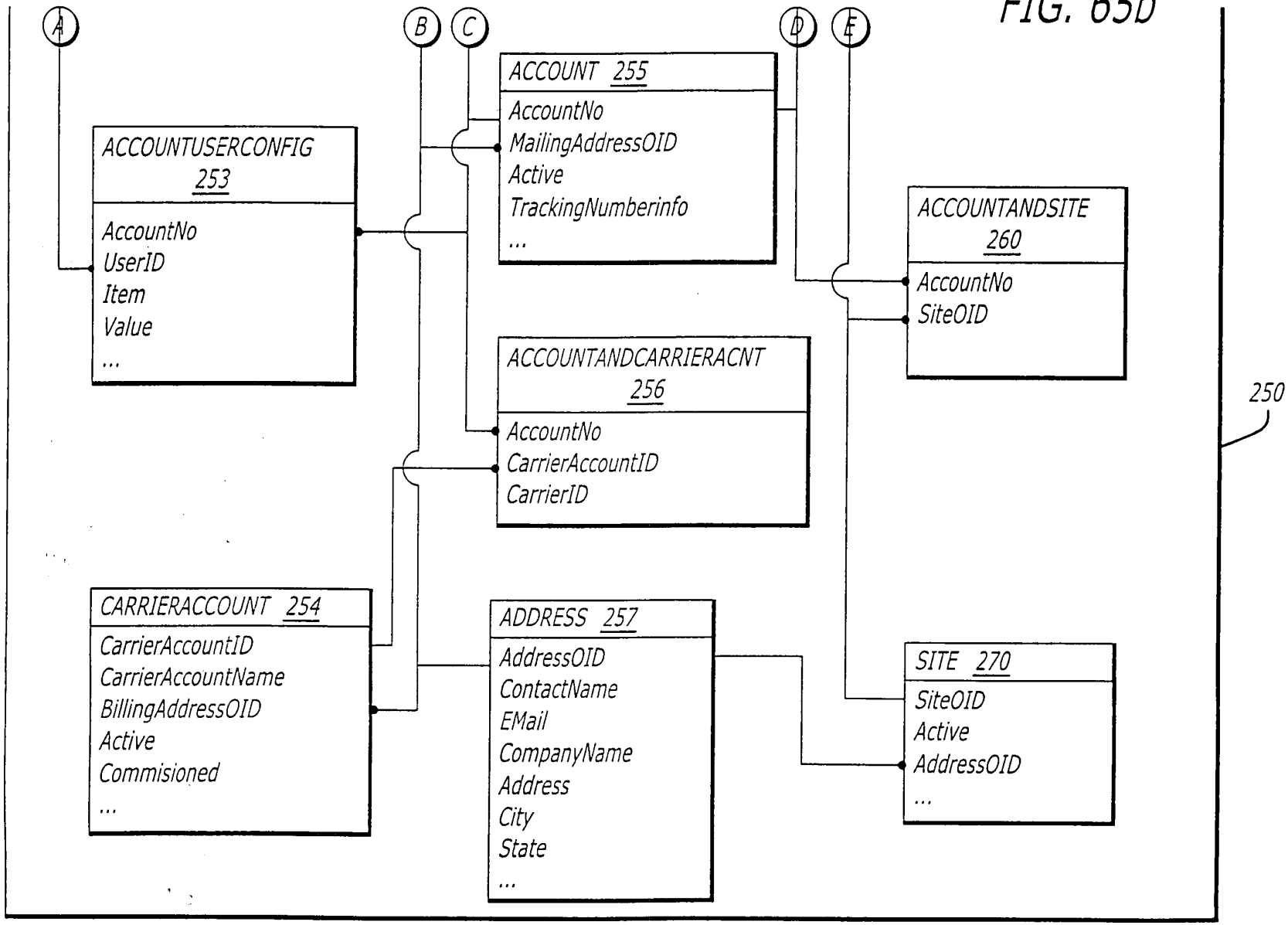

22
System Database
250
PACKAGE 261
Package OID 261-1
WeightActual 261-2
Length 261-3
Width 261-4
Height 261-5
TrackingNo 261-6
SiteTypeID 261-7
SiteOID 261-8
AccountNo 261-9
UserID 261-10
From ContactName 261-11
FromAddress1 261-12
...
TocontactName 261-13
ToAddress1 261-14
...
BillContactName 261-15
BillAddress 1 261-16
...
ACCOUNTUSER 251
AccountNo
UserID
AddressOID
CreateDate
...
USERS 252
UserID
LogOnName
Password
Active
...
SITETYPE 258
SiteTypeID
SiteTypeOID
Description
Name
...
ACCOUNTANDSITETYPE 259
AccountNo
SiteTypeID
A
B
C
D
E

FIG. 65a

FIG. 65b


A
B
C
D
E
ACCOUNTUSERCONFIG
253
AccountNo
UserID
Item
Value
...
ACCOUNT 255
AccountNo
MailingAddressOID
Active
TrackingNumberinfo
...
ACCOUNTANDSITE
260
AccountNo
SiteOID
ACCOUNTANDCARRIERACNT
256
AccountNo
CarrierAccountID
CarrierID
CARRIERACCOUNT 254
CarrierAccountID
CarrierAccountName
BillingAddressOID
Active
Commisioned
...
ADDRESS 257
AddressOID
ContactName
EMail
CompanyName
Address
City
State
...
SITE 270
SiteOID
Active
AddressOID
...
250

```
<iship.com.request xmins="x-schema:http://iship.com/api/schema/trackrequest.xmi"
transactionid="3855BD2185E111d3984400A0C9D6C226">
        <header mode="interactive">
                <version major="0" minor="1"/>
            <batch id="AE5E54F08E2311d3984900A0C9D6C226"
            url="http://shasta/api/track/trackresponse.asp" email="bob@iship.com"/>
        </header>
        <sigon sessionid="" userid="test" password="7777777"/>
        <trackit>
                <package sequencenumber="1">
                        <trackingnumber carrier="ups">
                                1Z1812530202075466
                        </trackingnumber>
                </package>
        </trackit>
        <logoff/>
</iship.com.request>
```

FIG. 66

```
<iship.com.response transactionid="3855BD2185E111d3984400A0C9D6C226">
        <status ishiprcode="0" signonrcode="0" trackitrcode="0" parsercode="0"
        systemrcode="0"/>
        <trackit>
                <package sequencenumber="1" packagercode="0">
                        <deliveredto></deliveredto>
                        <deliverylocation>LEFT AT 3S</deliverylocation>
                        <signedby>HOWARD</signby>
                        <lastscan>9/1/99 1:50:00 PM DELIVERY </lastscan
                        <status>Delivered</status>
                        <deliverytime>9/1/99 1:50:00 PM</deliverytime>
                        <carrier>UPS</carrier>
                        <service>2ND DAY AIR</service>
                        <shipdate>8/28/99 </shipdate>
                        <trackingnumber>1Z1812530202075466</trackingnumber>
                        <scanlocation>FORT HAMILTON,NY US</scanlocation>
                        <weight>400</weight>
                </package>
        </trackit>
<iship.com.response>
```

FIG. 67

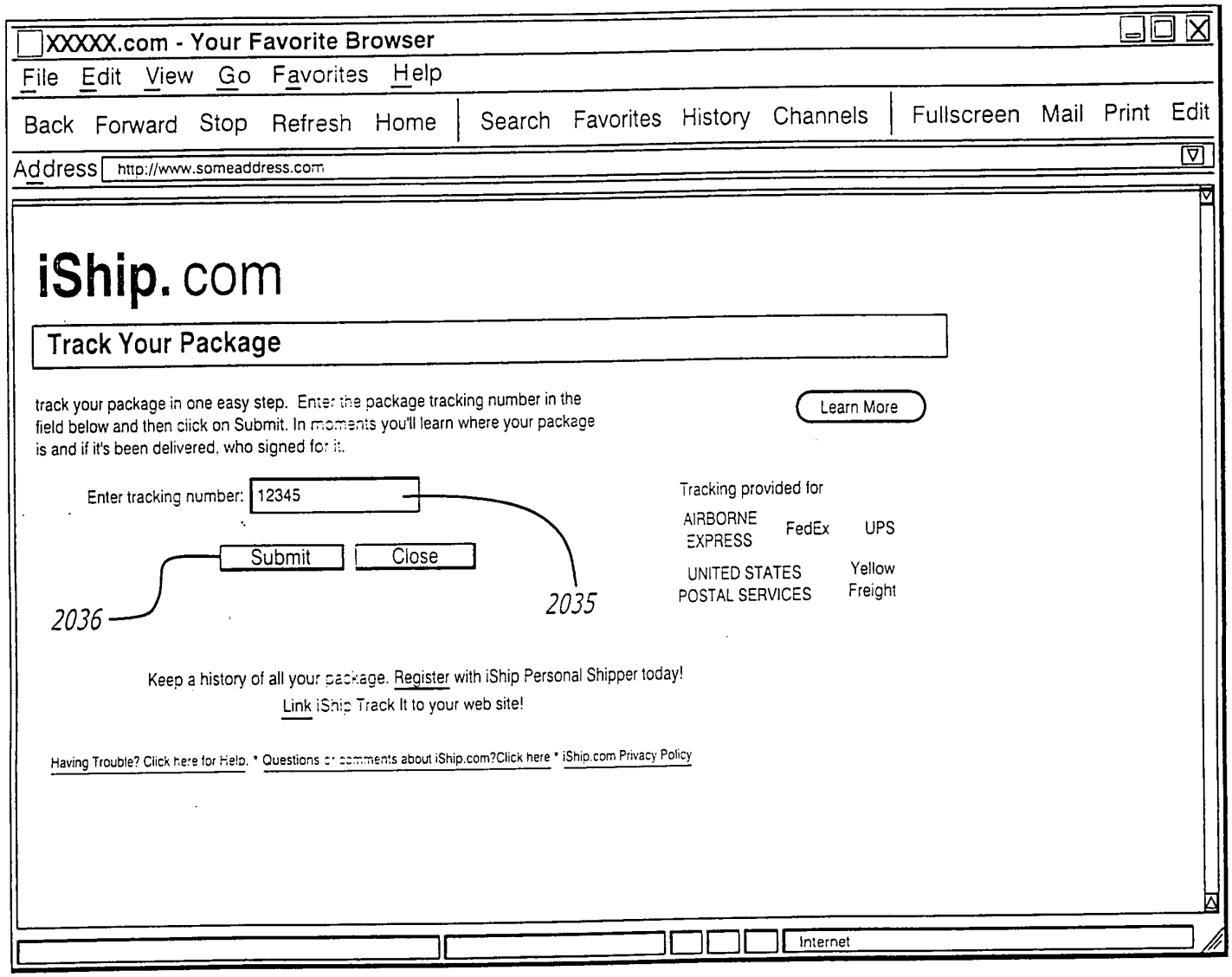
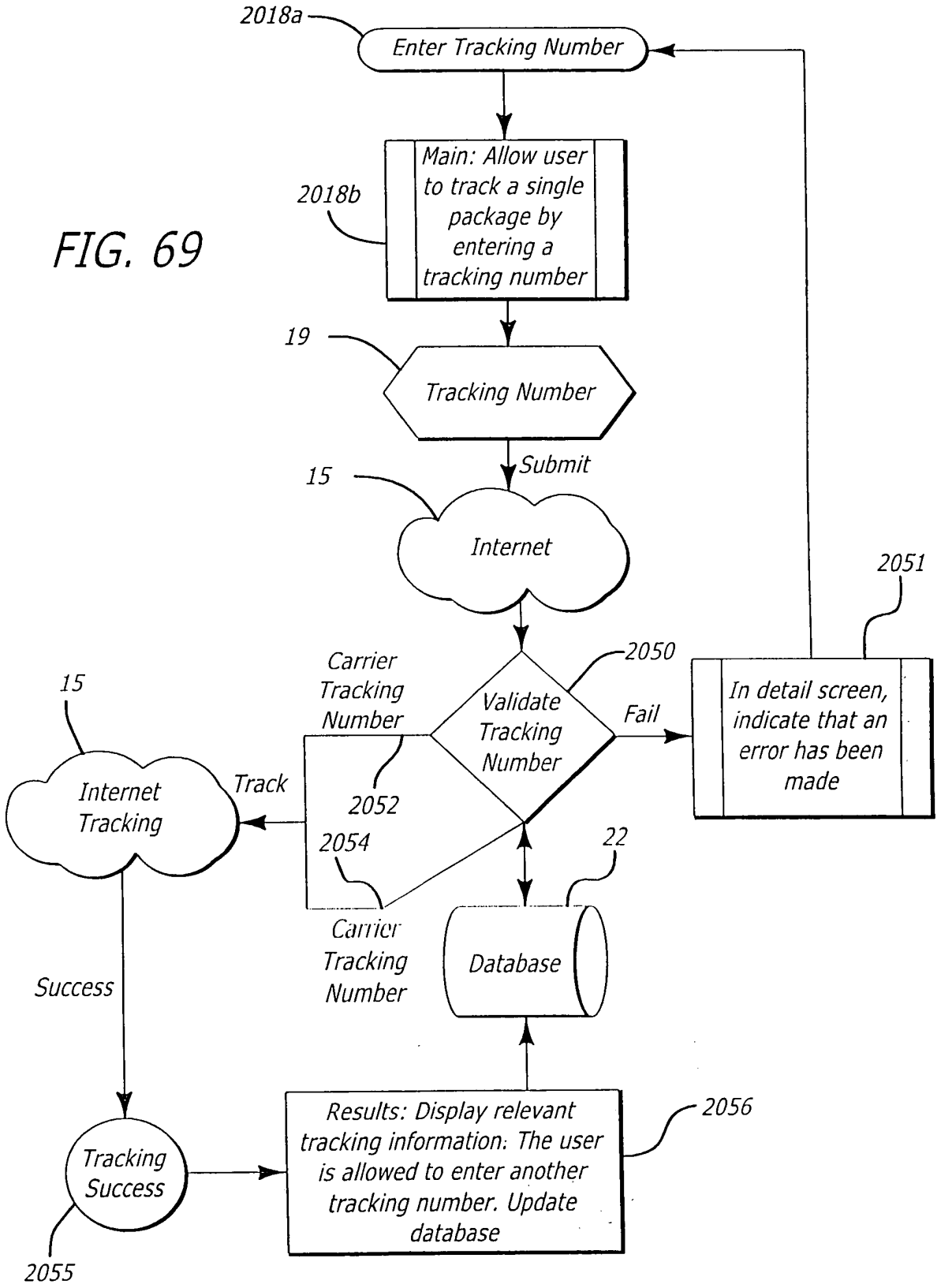

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
iShip.com
Track Your Package
track your package in one easy step. Enter the package tracking number in the field below and then click on Submit. In moments you'll learn where your package is and if it's been delivered, who signed for it.
Learn More
Enter tracking number: 12345
Submit
Close
2036
2035
Tracking provided for
AIRBORNE EXPRESS
FedEx
UPS
UNITED STATES POSTAL SERVICES
Yellow Freight
Keep a history of all your package. Register with iShip Personal Shipper today!
Link iShip Track It to your web site!
Having Trouble? Click here for Help. * Questions or comments about iShip.com?Click here * iShip.com Privacy Policy
Internet

FIG. 68

FIG. 69


2018a
Enter Tracking Number
Main: Allow user to track a single package by entering a tracking number
2018b
19
Tracking Number
Submit
15
Internet
2051
2050
Carrier Tracking Number
Validate Tracking Number
Fail
In detail screen, indicate that an error has been made
15
Internet Tracking
Track
2052
2054
22
Carrier Tracking Number
Database
Success
Tracking Success
2055
Results: Display relevant tracking information. The user is allowed to enter another tracking number. Update database
2056

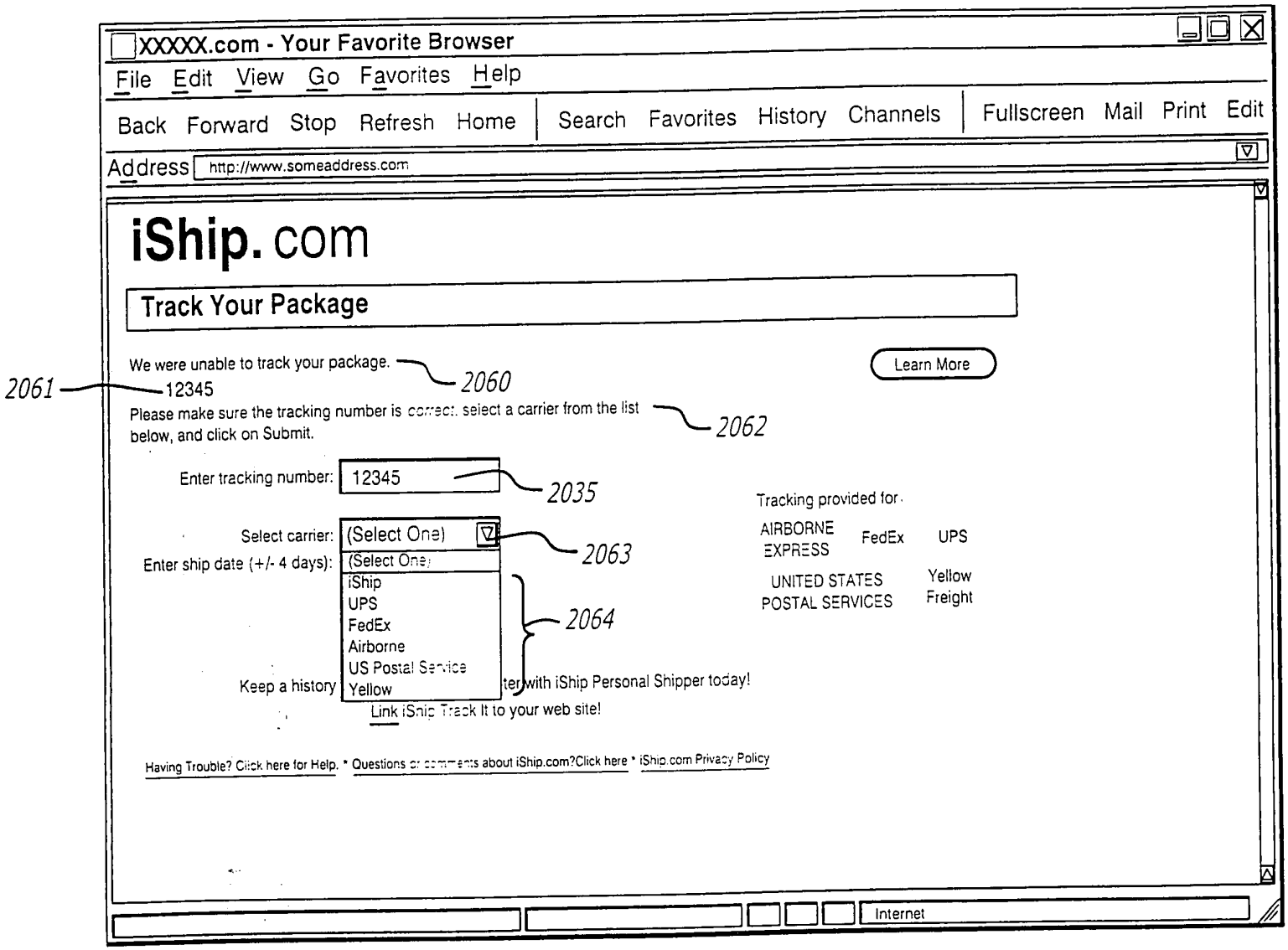

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home | Search Favorites History Channels | Fullscreen Mail Print Edit
Address http://www.someaddress.com
iShip.com
Track Your Package
We were unable to track your package.
2060
Learn More
2061
12345
Please make sure the tracking number is correct. select a carrier from the list below, and click on Submit.
2062
Enter tracking number: 12345
2035
Tracking provided for:
AIRBORNE EXPRESS
FedEx
UPS
UNITED STATES POSTAL SERVICES
Yellow Freight
Select carrier: (Select One)
2063
Enter ship date (+/- 4 days): (Select One)
iShip
UPS
FedEx
Airborne
US Postal Service
Yellow
2064
Keep a history
with iShip Personal Shipper today!
Link iShip Track It to your web site!
Having Trouble? Click here for Help. * Questions or comments about iShip.com?Click here * iShip.com Privacy Policy
Internet

FIG. 70

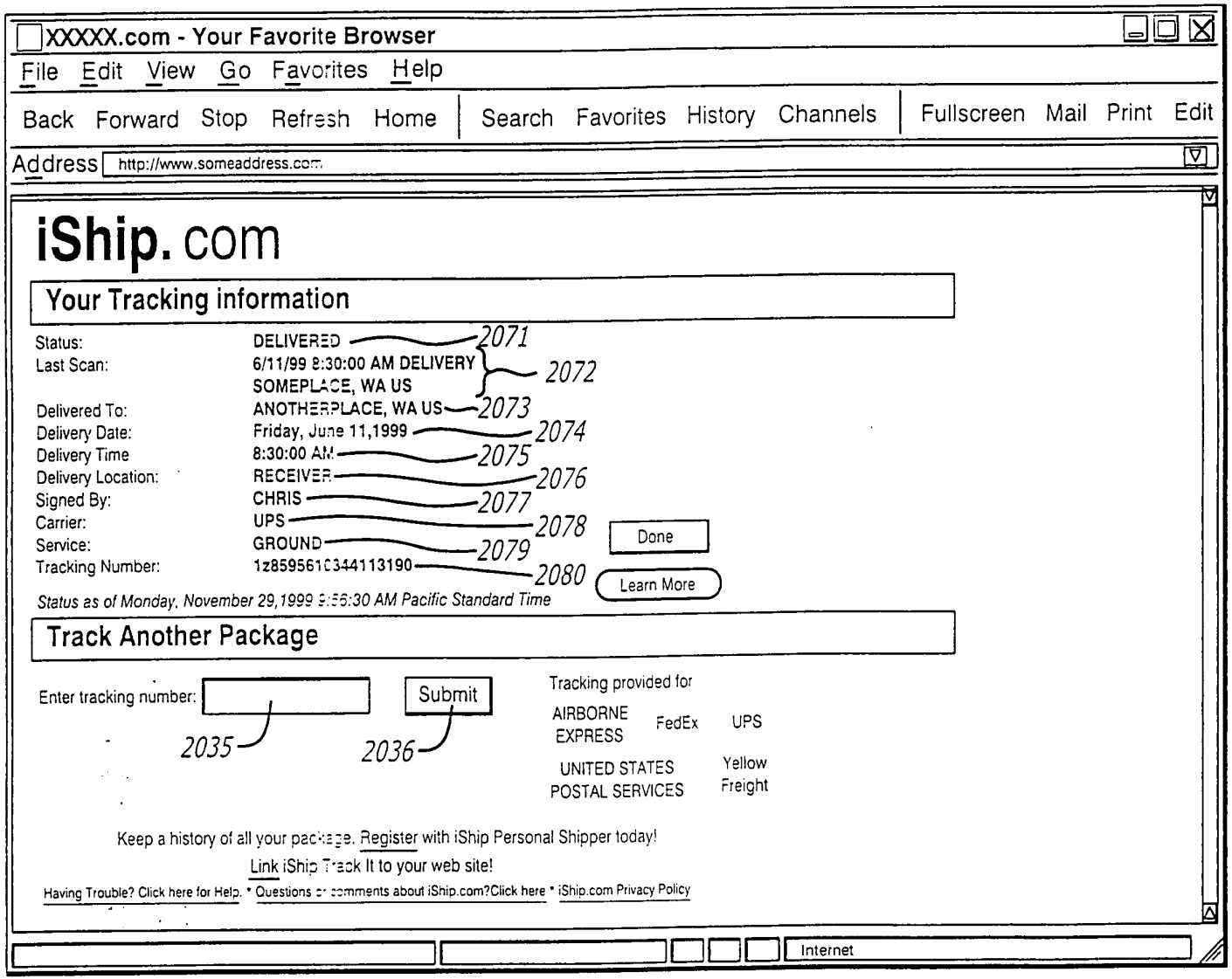

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
iShip.com
Your Tracking information
Status: DELIVERED 2071
Last Scan: 6/11/99 8:30:00 AM DELIVERY SOMEPLACE, WA US 2072
Delivered To: ANOTHERPLACE, WA US 2073
Delivery Date: Friday, June 11,1999 2074
Delivery Time 8:30:00 AM 2075
Delivery Location: RECEIVER 2076
Signed By: CHRIS 2077
Carrier: UPS 2078
Service: GROUND 2079
Tracking Number: 1z85956103441131902080
Done
Learn More
Status as of Monday, November 29,1999 8:56:30 AM Pacific Standard Time
Track Another Package
Enter tracking number:
Submit
2035
2036
Tracking provided for
AIRBORNE EXPRESS
FedEx
UPS
UNITED STATES POSTAL SERVICES
Yellow Freight
Keep a history of all your package. Register with iShip Personal Shipper today!
Link iShip Track It to your web site!
Having Trouble? Click here for Help. * Questions or comments about iShip.com?Click here * iShip.com Privacy Policy
Internet

FIG. 71

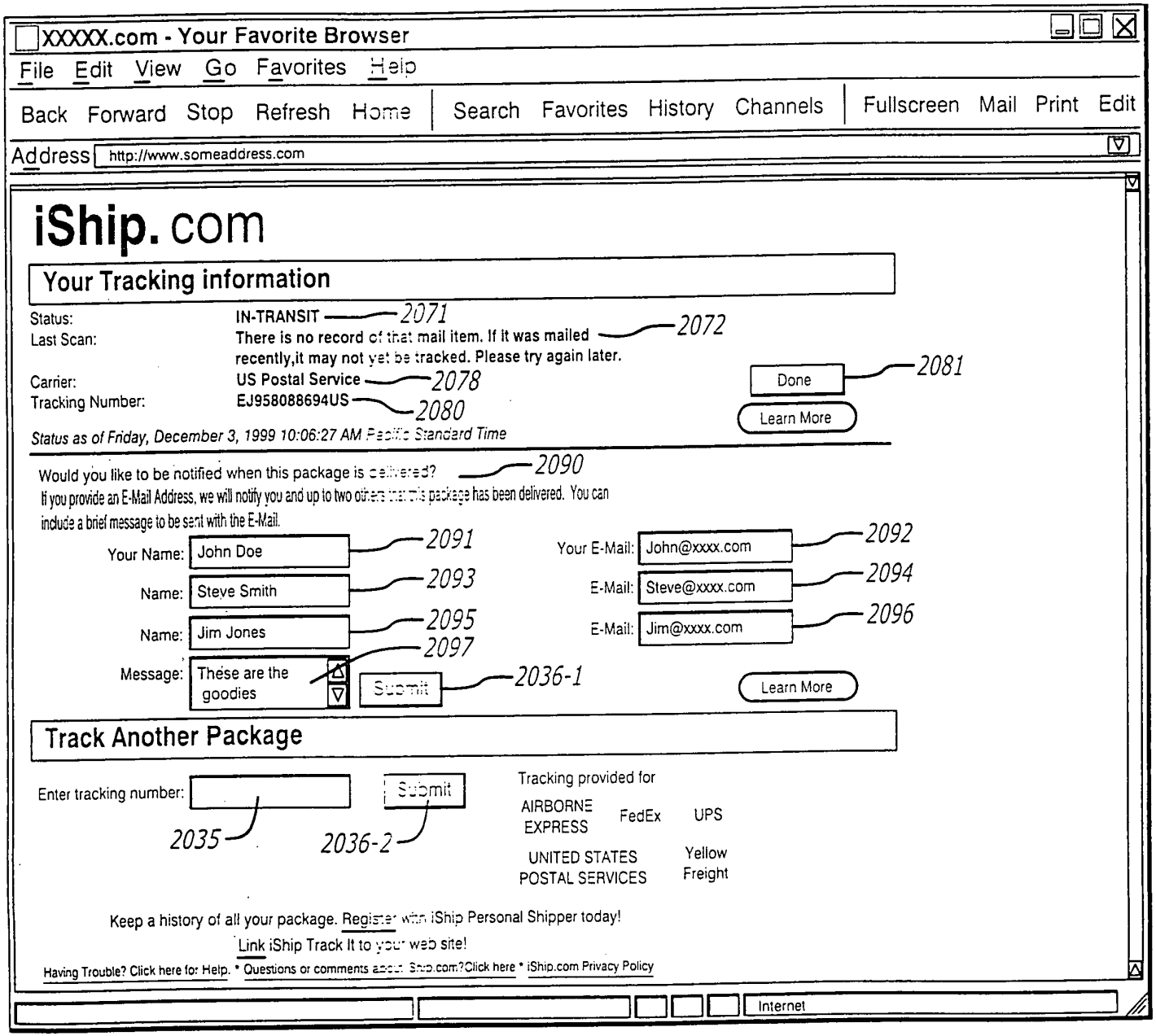

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home | Search Favorites History Channels | Fullscreen Mail Print Edit
Address http://www.someaddress.com
iShip.com
Your Tracking information
Status: IN-TRANSIT 2071
Last Scan: There is no record of that mail item. If it was mailed recently,it may not yet be tracked. Please try again later. 2072
Carrier: US Postal Service 2078
Tracking Number: EJ958088694US 2080
Status as of Friday, December 3, 1999 10:06:27 AM Pacific Standard Time
Done 2081
Learn More
Would you like to be notified when this package is delivered? 2090
If you provide an E-Mail Address, we will notify you and up to two others that this package has been delivered. You can include a brief message to be sent with the E-Mail.
Your Name: John Doe 2091
Your E-Mail: John@xxxx.com 2092
Name: Steve Smith 2093
E-Mail: Steve@xxxx.com 2094
Name: Jim Jones 2095
E-Mail: Jim@xxxx.com 2096
Message: These are the goodies 2097
Submit 2036-1
Learn More
Track Another Package
Enter tracking number: 2035
Submit 2036-2
Tracking provided for
AIRBORNE EXPRESS
FedEx
UPS
UNITED STATES POSTAL SERVICES
Yellow Freight
Keep a history of all your package. Register with iShip Personal Shipper today!
Link iShip Track It to your web site!
Having Trouble? Click here for: Help. * Questions or comments about iShip.com?Click here * iShip.com Privacy Policy
Internet

FIG. 72

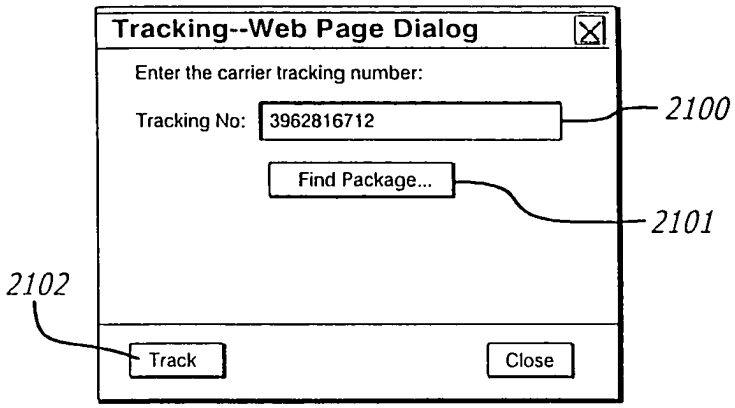


FIG. 73

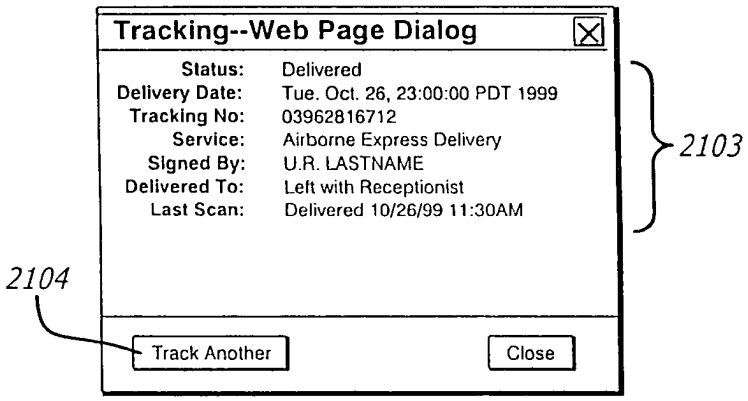


FIG. 74

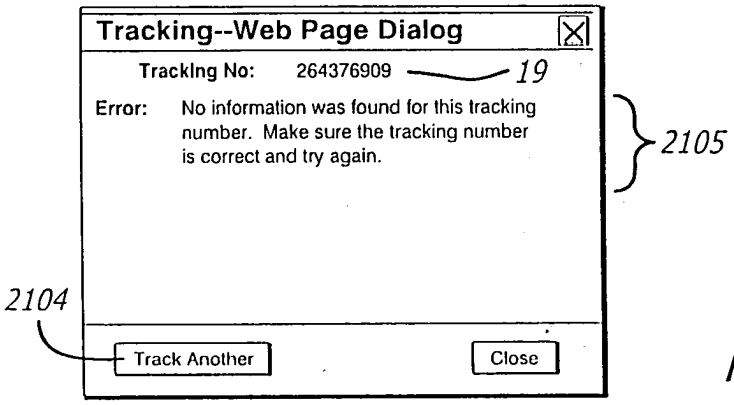


FIG. 75

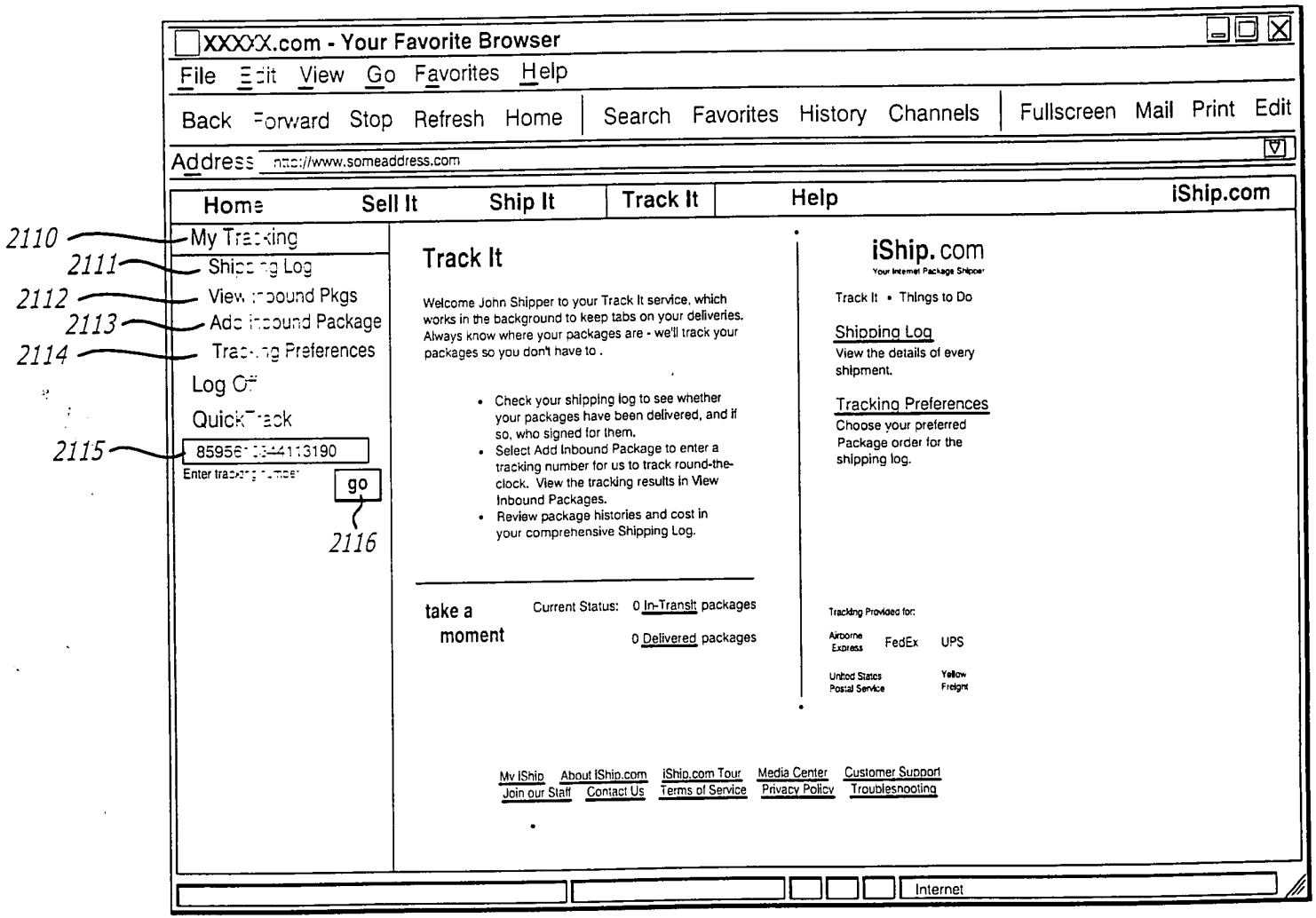
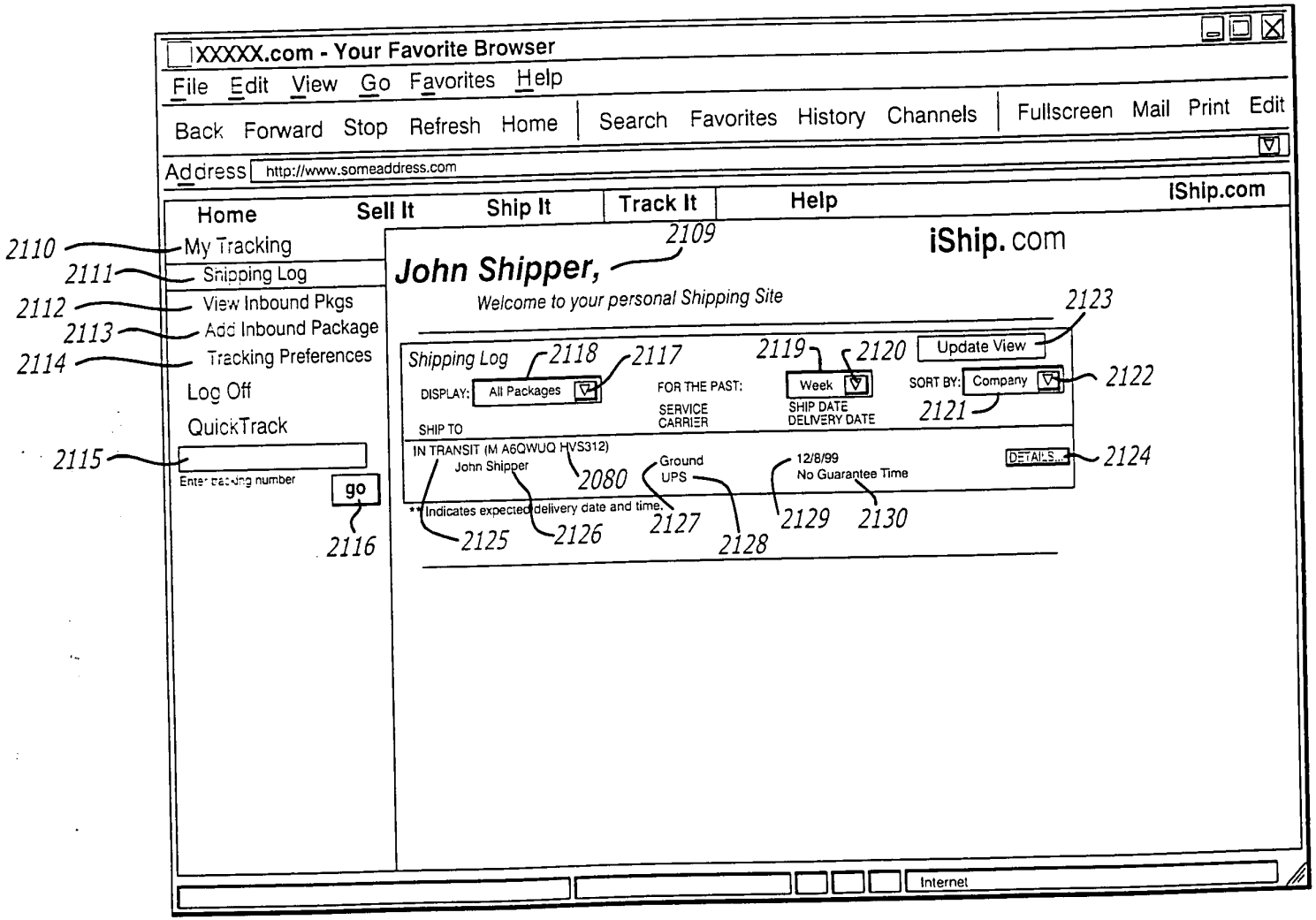

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
2110 My Tracking
2111 Shipping Log
2112 View Inbound Pkgs
2113 Add Inbound Package
2114 Tracking Preferences
Log Off
QuickTrack
2115
Enter tracking number
go
2116
Track It
Welcome John Shipper to your Track It service, which works in the background to keep tabs on your deliveries. Always know where your packages are - we'll track your packages so you don't have to .
Check your shipping log to see whether your packages have been delivered, and if so, who signed for them.
Select Add Inbound Package to enter a tracking number for us to track round-the-clock. View the tracking results in View Inbound Packages.
Review package histories and cost in your comprehensive Shipping Log.
take a moment
Current Status: 0 In-Transit packages
0 Delivered packages
iShip.com
Your Internet Package Shipper
Track It • Things to Do
Shipping Log
View the details of every shipment.
Tracking Preferences
Choose your preferred Package order for the shipping log.
Tracking Provided for:
Airborne Express FedEx UPS
United States Postal Service Yellow Freight
My iShip About iShip.com iShip.com Tour Media Center Customer Support
Join our Staff Contact Us Terms of Service Privacy Policy Troubleshooting
Internet

FIG. 76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Back Forward Stop Refresh Home | Search Favorites History Channels | Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
My Tracking
Shipping Log
View Inbound Pkgs
Add Inbound Package
Tracking Preferences
Log Off
QuickTrack
Enter tracking number
go
iShip.com
John Shipper,
Welcome to your personal Shipping Site
Shipping Log
DISPLAY: All Packages
FOR THE PAST: Week
SORT BY: Company
SERVICE
CARRIER
SHIP DATE
DELIVERY DATE
Update View
SHIP TO
IN TRANSIT (M A6QWUQ HVS312)
John Shipper
2080
Ground
UPS
12/8/99
No Guarantee Time
DETAILS...
** Indicates expected delivery date and time.
Internet
2109
2110
2111
2112
2113
2114
2115
2116
2117
2118
2119
2120
2121
2122
2123
2124
2125
2126
2127
2128
2129
2130

FIG. 77

Docket Tracking

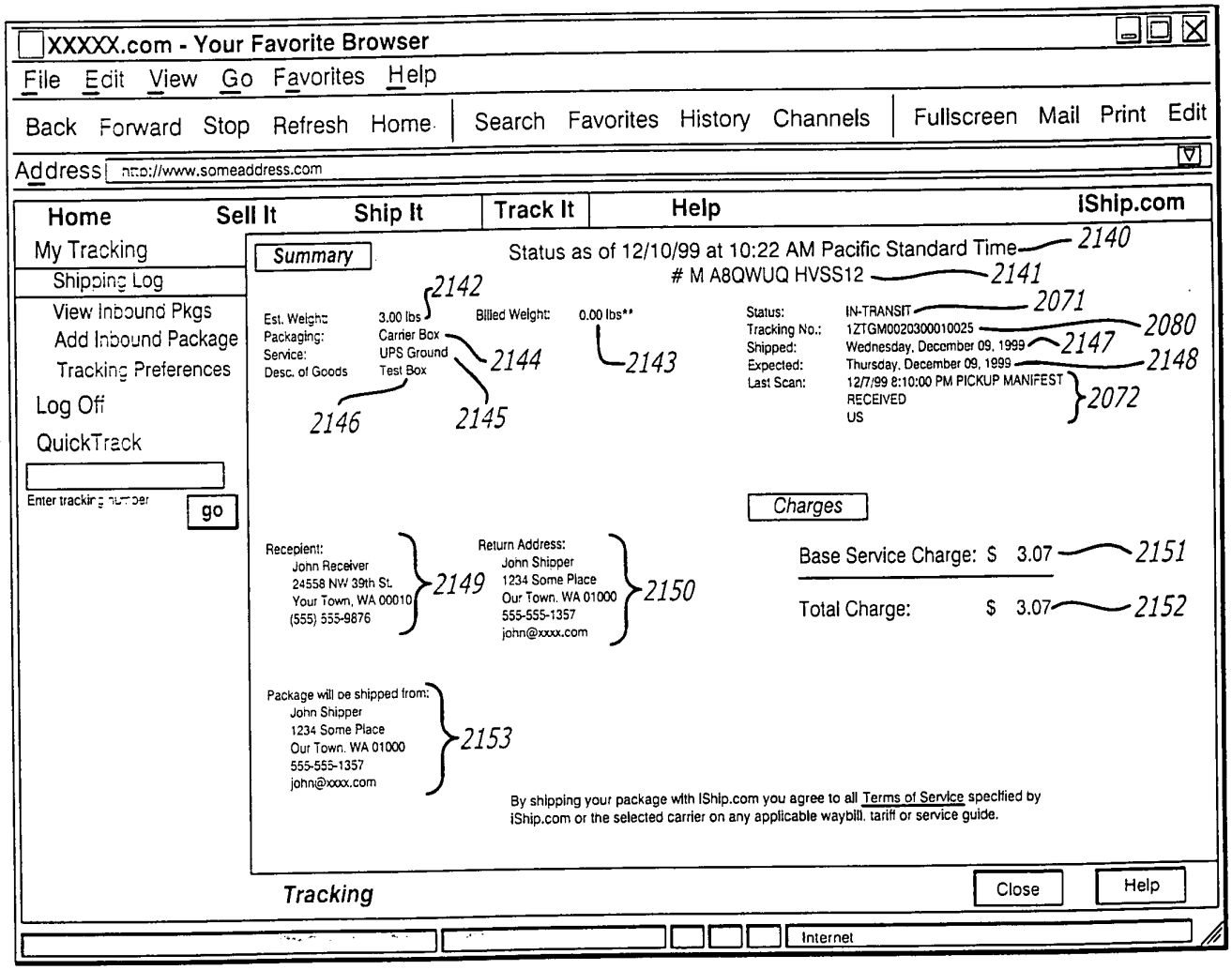


FIG. 78

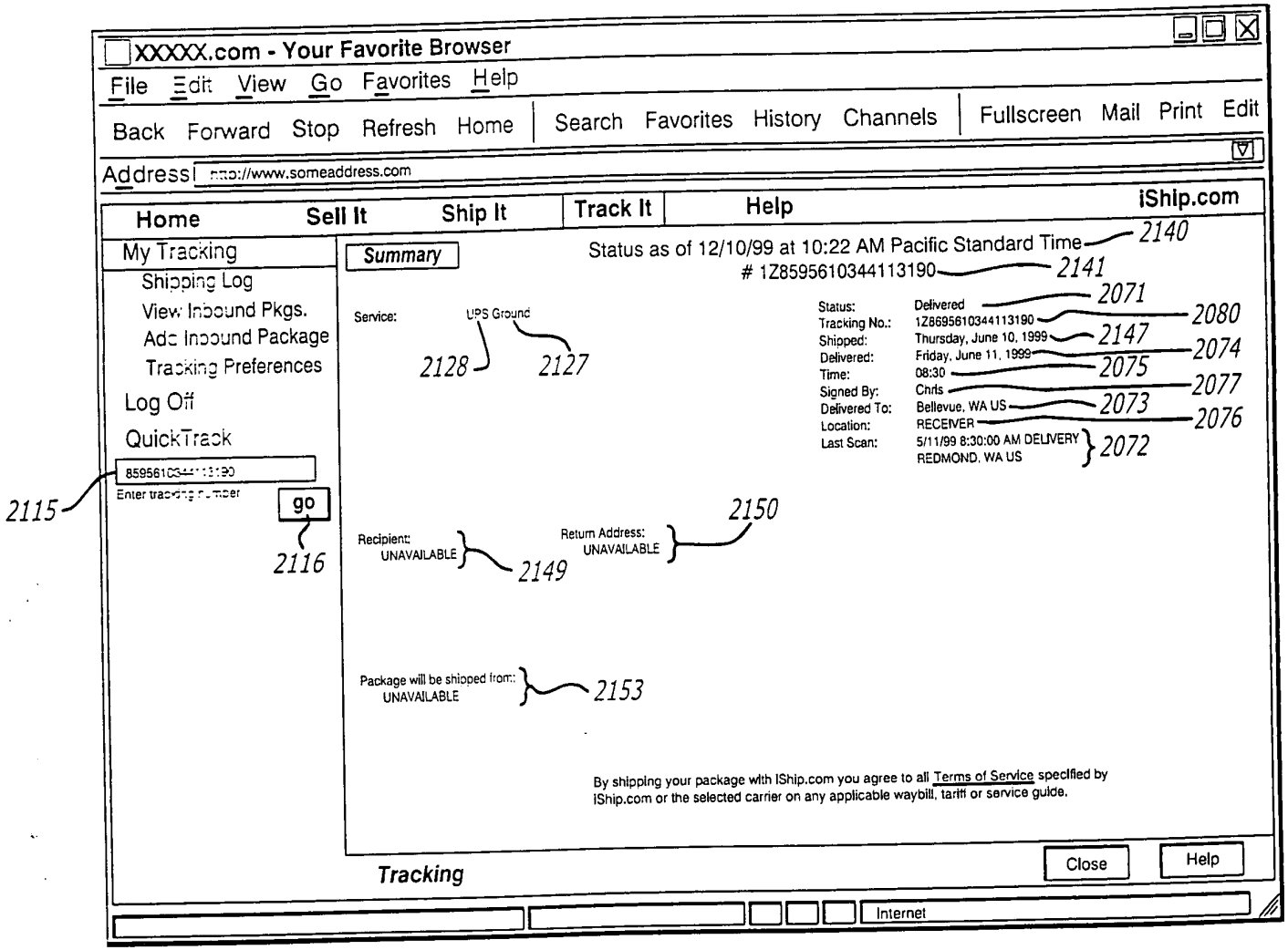

XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
My Tracking
Shipping Log
View Inbound Pkgs.
Add Inbound Package
Tracking Preferences
Log Off
QuickTrack
Enter tracking number
go
Summary
Status as of 12/10/99 at 10:22 AM Pacific Standard Time
1Z8595610344113190
Service: UPS Ground
Status: Delivered
Tracking No.: 1Z8695610344113190
Shipped: Thursday, June 10, 1999
Delivered: Friday, June 11, 1999
Time: 08:30
Signed By: Chris
Delivered To: Bellevue, WA US
Location: RECEIVER
Last Scan: 5/11/99 8:30:00 AM DELIVERY REDMOND, WA US
Recipient: UNAVAILABLE
Return Address: UNAVAILABLE
Package will be shipped from: UNAVAILABLE
By shipping your package with IShip.com you agree to all Terms of Service specified by IShip.com or the selected carrier on any applicable waybill, tariff or service guide.
Tracking
Close
Help
Internet
2115
2116
2128
2127
2140
2141
2071
2080
2147
2074
2075
2077
2073
2076
2072
2150
2149
2153

FIG. 79

3959871 T2810503

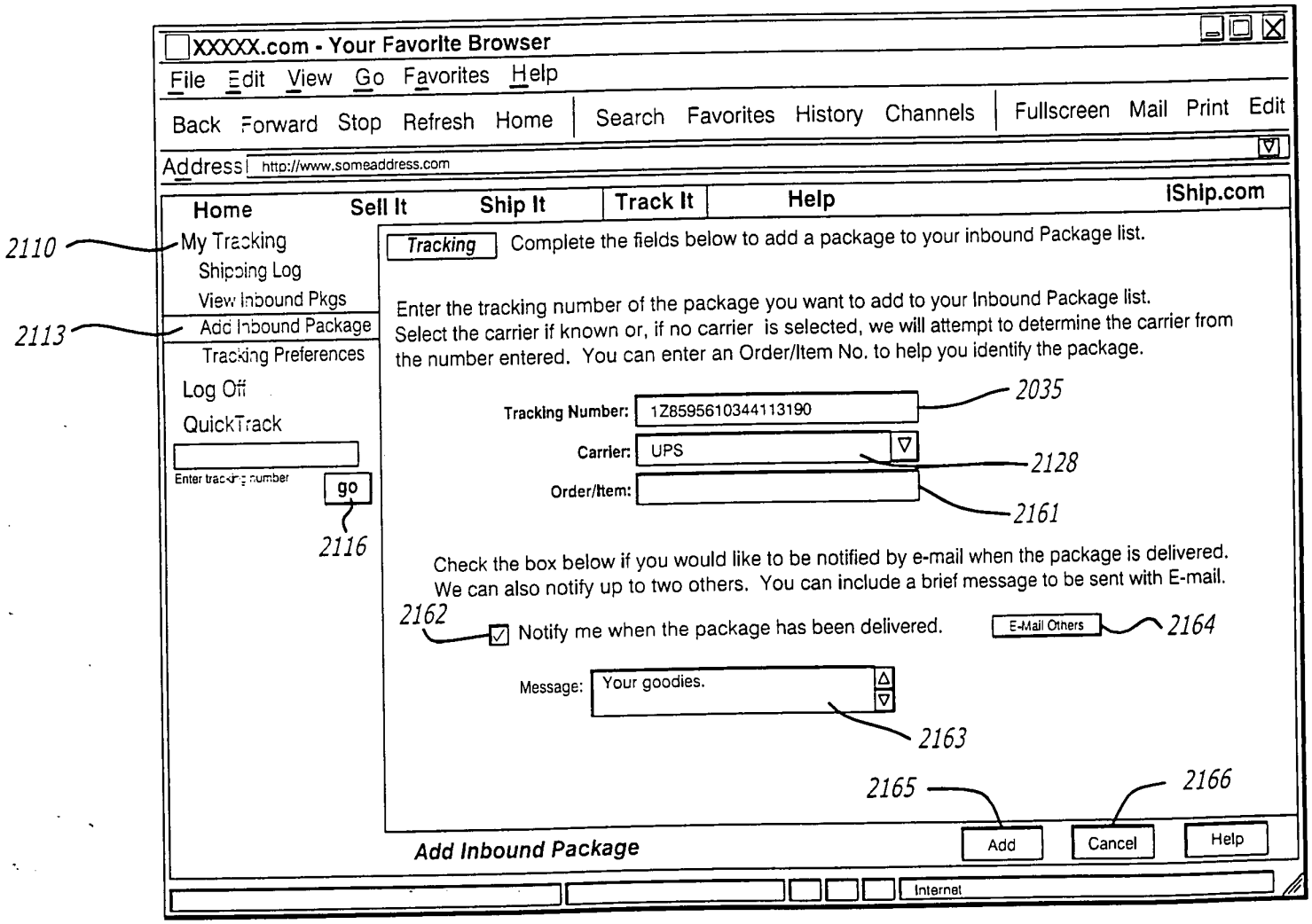
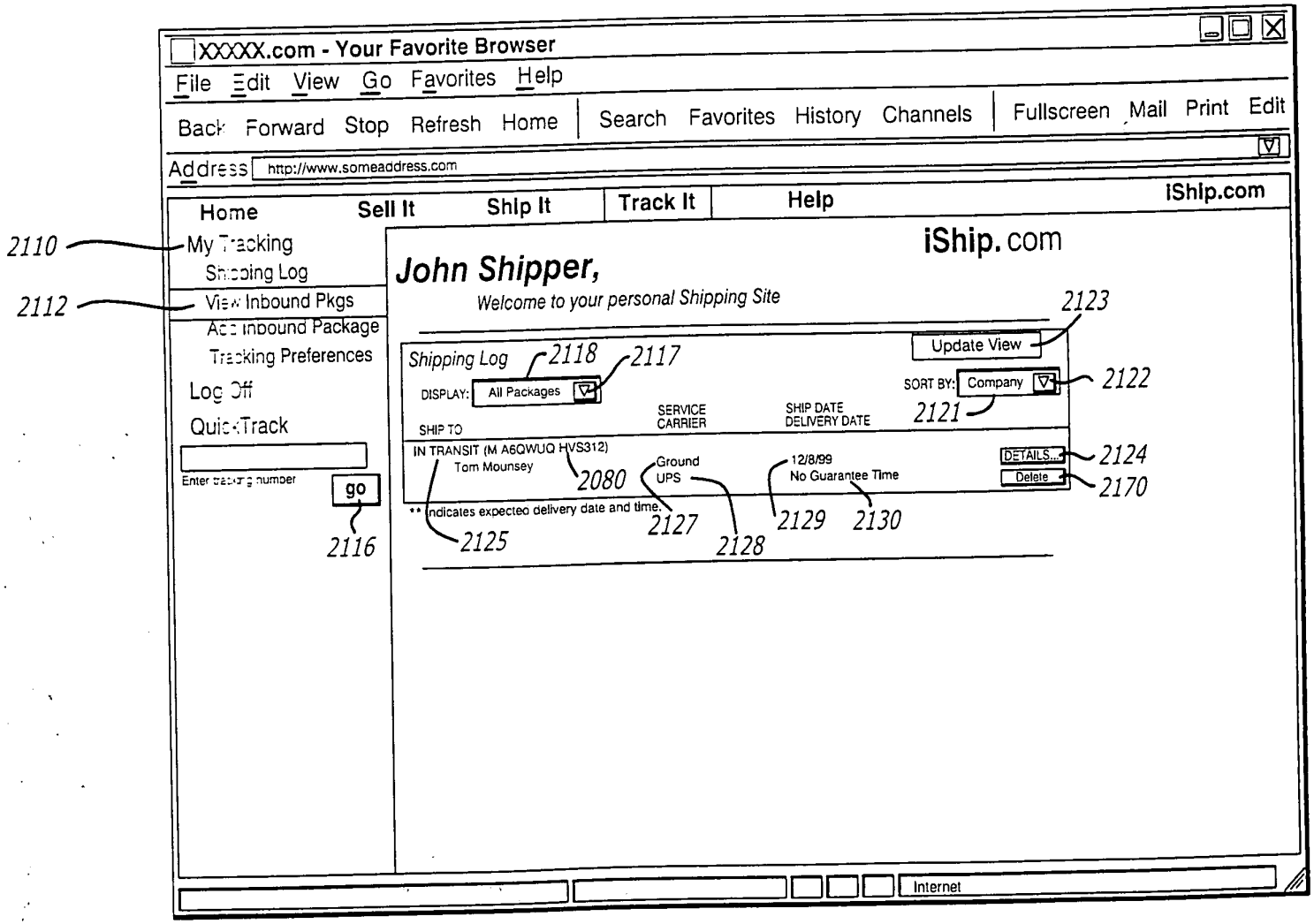


FIG. 80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Address http://www.someaddress.com
Home Sell It Ship It Track It Help iShip.com
2110
My Tracking
Shipping Log
2112
View Inbound Pkgs
Add Inbound Package
Tracking Preferences
Log Off
QuickTrack
Enter tracking number
go
2116
iShip.com
John Shipper,
Welcome to your personal Shipping Site
2123
Update View
Shipping Log
2118
2117
DISPLAY: All Packages
SORT BY: Company
2122
2121
SERVICE CARRIER
SHIP DATE DELIVERY DATE
SHIP TO
IN TRANSIT (M A6QWUQ HVS312)
Tom Mounsey
2080
Ground
UPS
12/8/99
No Guarantee Time
DETAILS...
2124
Delete
2170
** Indicates expected delivery date and time.
2125
2127
2128
2129
2130
Internet

FIG. 81

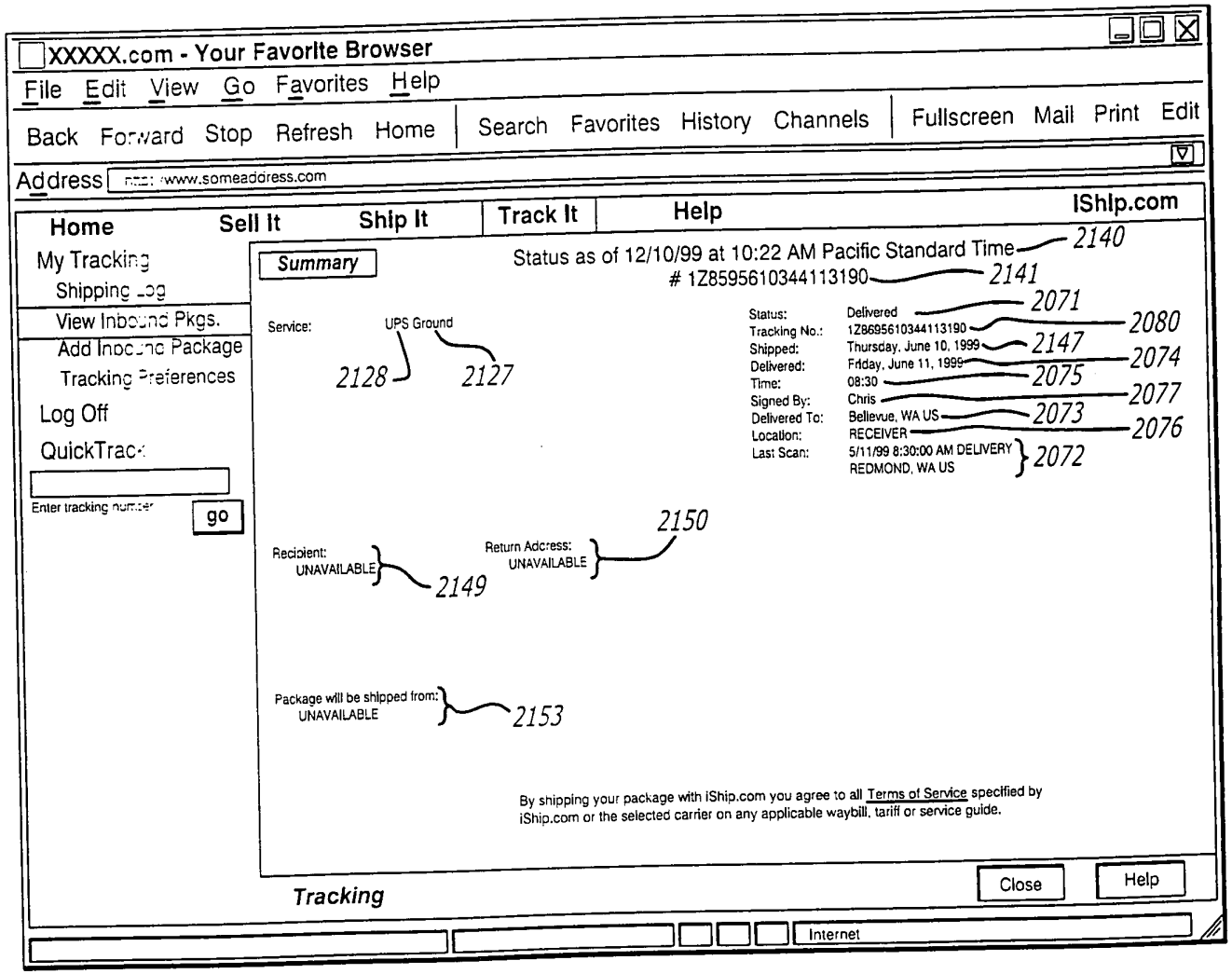
XXXXX.com - Your Favorite Browser
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit
Address http://www.someaddress.com
Home Sell It Ship It Track It Help IShip.com
My Tracking
Shipping Log
View Inbound Pkgs.
Add Inbound Package
Tracking Preferences
Log Off
QuickTrack
Enter tracking number
go
Summary
Status as of 12/10/99 at 10:22 AM Pacific Standard Time
1Z8595610344113190
Service: UPS Ground
Status: Delivered
Tracking No.: 1Z8695610344113190
Shipped: Thursday, June 10, 1999
Delivered: Friday, June 11, 1999
Time: 08:30
Signed By: Chris
Delivered To: Bellevue, WA US
Location: RECEIVER
Last Scan: 5/11/99 8:30:00 AM DELIVERY REDMOND, WA US
Recipient: UNAVAILABLE
Return Address: UNAVAILABLE
Package will be shipped from: UNAVAILABLE
By shipping your package with iShip.com you agree to all Terms of Service specified by iShip.com or the selected carrier on any applicable waybill, tariff or service guide.
Tracking
Close
Help
Internet
2140
2141
2071
2080
2147
2074
2075
2077
2073
2076
2072
2128
2127
2150
2149
2153

FIG. 82